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Index to Advertisers, p. 5.

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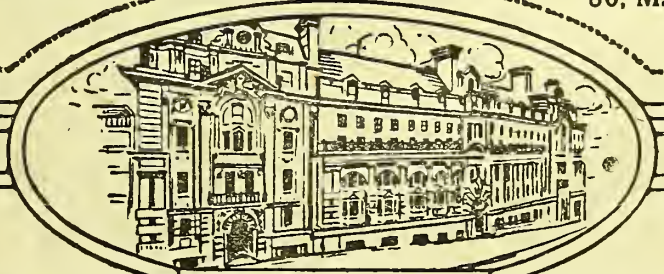
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INDEX TO ADVERTISERS IN THIS ISSUE.

The Arabic numerals (1 to 32) in this Index refer to Advertisements in the front of literary pages, the Advertisements following the literary pages are numbered in Roman numerals (i to xxviii)

For more complete Buyers' Guide see "The Chemist & Druggist" Diary, 1918.

AERATORS, Ld., Sparklets 14
ALLCOOK MANUFACTURING CO., Plasters, &c. xxiv
ALLIANCE DRUG & CHEMICAL CO., Drugs, Chemicals ix
AMERICAN COMMERCE CO., Ld., Chemicals..... 7
AMSTERDAM QUININE WORKS, Quinine..... xix
ANGLO-FRENCH DRUG CO., Ld. French Props. v
ARMOUR & CO., Ld., Rennet Substitute ..... 6, Text
ASSOC. OF MANUFACTURING CHEMISTS, Ld iv
AYRTONI SAUNDERS & CO., Ld., Druggists' Sundries, Tea, &c., Tablets 10
BAKER, PERCY F., Camel-hair Brushes.....xviii
BARKER, REGINALD W. Patent Agent.....Text
BATH & WEST OF ENGLAND COLLEGE 8
BECKER, SHILLAN & CO. Chemicals vii
BENGOL TRADING CO., INC., Salicylates viii
BERDOE & FISH, Chemists' Valuers, &c. .....Col. Supp.
BERG & SONS, Chemicals xv
BISHOP, ALFRED, Ld., Effervescent Proprietaries.... 17
BLACKIE, ROBERT, Ointments, &c. xxi
BLADE SHARPENING CO., Ld..... viii
BLAGDEN, VICTOR, & CO., Chemicals vi
BLYTHE, W. & CO., Ld., Epsom Salts, Zinc Sulphate.. vii
BOEHM, F., Ld., Chemicals, Essential Oils xvii
BOWLEY, S., & SON, Ld., Parasiticides .....iv, xx
BRADFORD WOOL EXTRACTING CO., Ld., Phenacetin xx
BRASSE, E., Sundries xxiv
BREZET, A., & CO., Chemicals xviii
BRITISH SYNTHOS PRODUCTS CO., Metol..... ix
BULL, D. W., Paper Capsules ..... Col. Supp.
BURGE, WARREN & RIDGLEY, Ld., Rubber Goods xxii
BURNSIDE & CO., Eucalyptus Oil xx
BURROUGH, J., Ld., Absolute Alcohol, S.V.R., S.V.M. Text
BUREOUGHS WELLCOME & CO., 'Tabloid' Preps. 31
BURTON, BAKER & CO., Ld., Glacialine 19
BUSH, W. J., & CO., Ld., Chemicals, Essences, Perfumery.. 21
CADBURY BROS., Ld., Cocoa ..... Cover
CAMPBELL, ACHNACH & CO., Ld., Hot Water Bottles xxv
CARNEGIE BROS., Chemicals, Surgical Dressings xxiv
CHATELAIN, J. L., French Medicinal Proprietaries .. xi
CHEMICAL WORKS MADOERY Ld, Chemicals vi
CHESEBROUGH MNFG. CO., Vaseline and Preps 30
CHESTER, A. D., & CO. Ld., Chemicals xix
CHRISTY, T., & CO., Toilet Articles &c. xviii
COAL BY-PRODUCTS CO., Vaporizers..... 2
CONNELL, A. & CO., Chemicals viii
COOPER, SON & CO., Ld., Cachets xviii
COUXSON, GERRARD & CO., Ld., Toilet Specialities .. 20
DAMANCY & CO., Chemicals, &c. .....Col. Supp.
DAVIES, W., Window Display Stands..... 9
DE ST. DALMAS, A., & CO., Medical Plasters..... xxii
EBURITE PAPER CO., Ld., Corrugated Paper xxviii
EDWARDS, W., & SON, Ld., Proprietaries, Sundries .. 16
ENEMY ADVERTISERS .....Text
ERASMIO CO., Ld., Perfumery, Toilet Soaps 18
EUCRYL, Ld., Dentifrices 26
EVANS SONS LESCHER & WEBB, Ld., Chemicals, Pharmaceuticals, Druggists' Sundries, Serums, Insect Powders .....Cover
FAITHFULL, GWYN, Chemicals ix
FAULDING, F. H., & CO. Emulsions Soaps..... xvii
FELLOWS' MEDICAL MFG. CO., Medicinal Syrups.... ii
FENNINGS, A., Fever Powders .....Cover
FINK, F., & CO., Gums xviii
FLETCHER, FLETCHER & CO., Ld., Liquors .....Text
FLOREY, HARTLEY, Salicylates iv
FORSHAW, E., & SON, Ld., Soap and Chemical Plant xxvii
FRAME FOOD CO., Ld., Foods..... 16
FREEMAN BROS., Dentistry 7
FRIEDMANN, V., Chemicals xix
FUERST BROS., Ld., Chemicals (Pure and Technical).. vi
FULFORD C. R. Ld. Medicinal Props., Toilet Articles 4
GARTHWAITE, W., Dentistry..... xviii
GERAUDEL, A., Pastilles..... 29
GIMBER, W., & SON, Crepe Bandages 22
GOODALL, BACKHOUSE & CO., Drugs, Chemicals ..Cover
GOWER, JOHN, Books (Secondhand, &c.) .....Col. Supp.
GRAESSER R., Ld., Carbolic Acid, &c. .....Col. Supp.
GREEFF, R. W., & CO., Chemicals (Fine and Technical) 2, 3
HAMPSHIRE, F. W., & CO., Ld., Chilblain Remedy .. xvi
HARLEY, T., Rat Poison, Proprietary Salt .....22, xvi
HART BRITTAIN, J. Ld., Toilet Articles 19
HAWKER & BOTWOOD, Ld., Wheat Dressing .....Text
HAY, E. J., & CO., Caramel 14
HAY, W., Ld. Soluble and Fruit Essences..... 13
HIND & LUND, Ld., Pharmaceutical Machinery xxvii
HOBBS, W. H., & CO., Ld. Essential Oils 25
HOLLIDAY, F. B., & CO., Fine Chemicals xi
HOUGH, HOSEASON & CO., Ld., Enemas, &c. xxiii
HUISKING, C. L., American Drugs, Chemicals, &c..... iv
ISAACS, I., & CO., Ld., Glass Bottles .....Col. Supp.
JOB BROS., Newfoundland Cod Liver Oil 17
JOINTMENT CO., Proprietary xvii
JOSEPHS, PHILIP, & SONS, Ld., Shopfitters ..Col. Supp.
KERFOOT, T., & CO., Aspirin 1
KIRBY, H. & T. & CO., Ld., Aspirin..... xiii
LANG, JULES, & SON, Medical & Chemical Glassware.. xxiv
LANKSHEAR, WICKSTEAD & CO., Ld., Tartaric Acid .. vi
LAYCOCK TOM, & CO., Bottles xxvi
LAZARD-GODCHAUX CO., Ld., Chemicals, Dyestuffs xv
LENNON Ld, South African Agencies ii
LEVERMORE, A., & CO., Ld., Precipitated Chalk xviii
LOFTHOUSE & SALTMER, Ld., Foods, &c. 22
LOMBIO DEPOT, Ointment..... 19
MGLASHAN, D., Fruit Drink .....Col. Supp.
MADERO BROS. INC., Chemicals iii
MANBRE SACCHARINE CO., Ld., Glucose 14
MANIFOLD SIGN CO., Display Signs 9
MARTIN, W., Photographics .....Col. Supp.
MATTHEWS, HAROLD E., & CO., Proprietary 15
MAW, S., SON & SONS, Ld., Druggists' Sundries, Packed Goods Surgical Instruments, Vacuum Flasks 11
MAY & BAKER Ld., Chemicals .....Cover
MILLAR, A., & CO., Ld., Orange Quinine Wine xx
MILNER'S CHEMICAL CO., Hat Cleaners, Insecticides xx
MOND NICKEL CO., Ld., Copper Sulphate vii
MONSANTO CHEMICAL WORKS, Chemicals xvi
MUKERJEA, P., & CO., Indian Drugs iv
NEWBALL & MASON, Herb Extract 12
NIEUWHOF, SURIE & CO., Ld., Casein 16
NICHOLS CHEMICAL CO., Ld., Precipitated Chalk .. xiv
NORWICH CREPE CO. (1856), Ld., Crepe Bandages .. xxi
ODOL CHEMICAL WORKS, Dentifrices..... 19
ORRIDGE & CO., Transfer Agents, Valuers, &c. .. Col. Supp.
PAGE, CHAS., & CO., Ld., Chemicals vi
PAPIER POUDRE, Ld., Toilet Preparations 24
PARKE, DAVIS & CO. Pharmaceuticals i
PEERLESS SEAMLESS RUBBER CO., Ld., I.R. Teats xxi
PELLIOT, H., & CIE, Chemicals ix
PETRI BROS., Chemicals viii
PHILLIPS, C. H., CHEMICAL CO., Magnesia Preps. .. xii
PICERNO, V. A., Chemicals viii
PICKARD, IVE & RANKIN, Ld. Acetyl-Salicylic Acid vii
PICKERING, ALEX. S., Quicksilver..... ix
PIFCO CO., Ld., Electrical Novelties 12
POULENC FRERES, Stovaine 29
PREMIER DRUG CO., Ld., Proprietary..... xix
PRICE, A. S., & CO., Ld., Tea Sweeteners .....Col. Supp.
PRIZE COURT SALE 16
PRONK, DAVIS & RUSBY, Ld Saffron 12
QUELCH, H. C., & CO., Manicure Sets, &c..... 20
RAIMES & CO., Drugs..... xiii
RAWORTH, J. E., Patent Agent xviii
RANSOM, W., & SON, Ld Extracts, Essential Oils Cover
REDDGRAVE, BUTLER & CO., Liquid Paraffin.....Cover
RIGAUD-CHAPELLE, French Proprietaries, &c. 23
ROBARTES, Ld., Toilet Specialities..... 12
ROBERTS & CO., Continental Proprietaries xiv
ROLLIN CHEMICAL CO., INC., Barium Salts xv
ROSENBLATT, SAMSON, Chemicals iv
RUCH, A., & CO., Ld., Glassware 15
RUDD, F. M., Peppermint Oil 22
RUDDUCK & CO., Chemists' Shopfittings ..... Col. Supp.
SANITAS CO., Ld., Disinfectants ..... Text
SHADEINE CO., Hair Dyes xviii
SMITH, MAURICE, & CO., Proprietaries..... xvii
SMITH T. & H., Ld., Alkaloids, Resins & Resinoids x
SOLERNOU, VIUDA DE JOSE, Spanish Agencies xx
SPATULA PUBLISHING CO., Books..... 9
SPENCER, ISAAC, & CO. (Aberdeen), Ld., Cod Liver Oil 7
SPRING & CO., Ld., Honey..... 16
STEAD & CO., Photographics..... Col. Supp.
STEEL, T. NORMAN, Earthenware xviii
STERNS, Ld., Oils, Waxes 28
STIPENDUM STOPPER CO., Boxes, Stoppers 28
SWISS BANK CORPORATION, Mercantile Banking .. viii
THAMES CHEMICAL CO., Ld., Wrinkle Remover xviii
THOMPSON & CAPPER, Ld, Pharmaceutical Machinery xxvii
THORNLEY, S., Ld., Methylated Spirit..... 28
TIDMAN & SON, Ld., Sea Salt 22
TIMPSON, JOHN, & CO., Ld., First Aid Outfits 5
TITTERTON & HOWARD, Brushware (all kinds)..... 18
TOLKOWSKY, S., Russian Crude Drugs, &c. xii
TOMLINSON & HAYWARD, Ld., Seed Dressing .... Text
TOMLINSON, THOS., & SON, Chemists' Valuers..Col. Supp.
TOOMBS, ARTHUR, & CO., Bottle Caps..... 28
TOPLIS & HARDING, Auctioneers, &c.....Col. Supp.
TURNER, WILFRED, & CO., Surgical Appliances.... 15
TYRRELL, CHAS. A., Syringe..... xxiv
VAN HORN & SAWTELL, Surgical Ligatures..... xviii
VITAMOGEN, Ld., Food Product 15
VISCOSE DEVELOPMENT CO., Ld., Bottle Caps 28
WARD & GOLDSTONE, Electrical Novelties..... 8
WARRICK BROS., Ld. Cachets, Capsules, Lozenges .. 32
WARRINGTON CHEMICAL & DRUG CO., Salicylic Acid iv
WASHINGTON CHEMICAL CO., Ld., Magnesia & Salts vii
WATFORD MANFG. CO., Ld., Vi-Cocoa 14
WATSON & CO. Photographics .....Col. Supp.
WELCH & HORNER, Drugs, Chemicals, Essential Oils x
WEST-END PHARMACY SUPPLY, Cachets, Capsules xviii
WESTERN DENTAL CO., Sotol 8
WESTMINSTER COLLEGE OF PHARMACY 8
WHIFFEN & SONS, Ld., Emetine Salts, Quinine, &c. viii, xx
WHITAKER & CO., Rat Dyes 18
WIGGLESWORTH, Ld., Compressed Tablets .....Cover
WILKINSON, S. W., & CO., Tablet Machinery..... xxvi
WILLIAMS BROS. CO., Aniline Dyes, Chemicals 27
WILLOWS, FRANCIS, BUTLER & THOMPSON, Ld., Drug Grinders, Disinfectants, Foods xix

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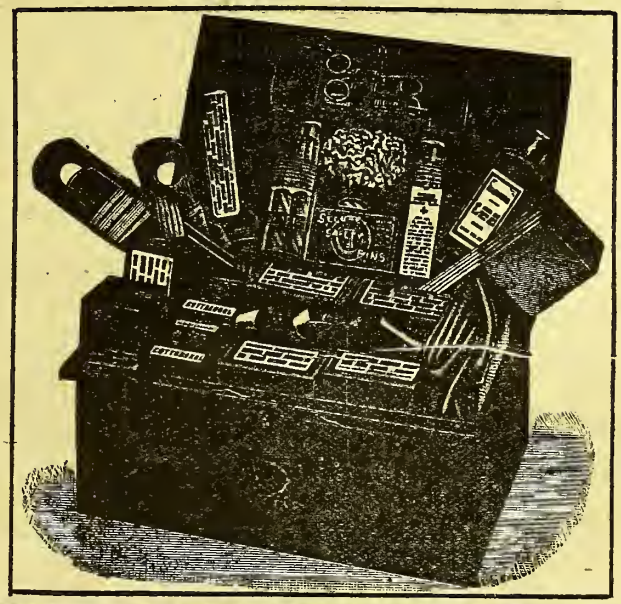

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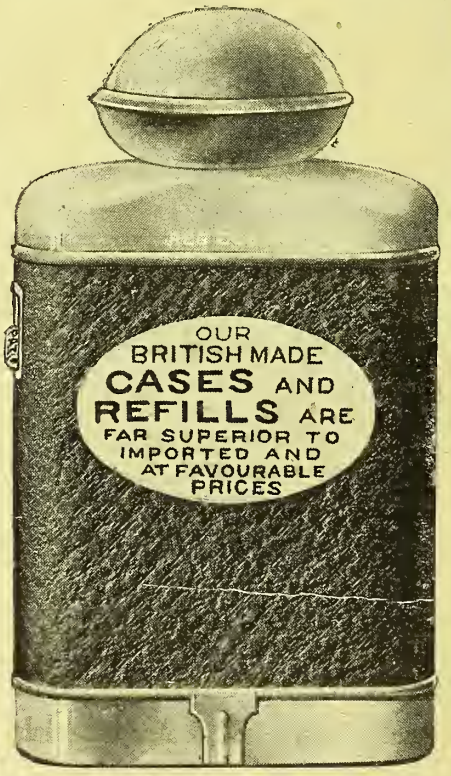

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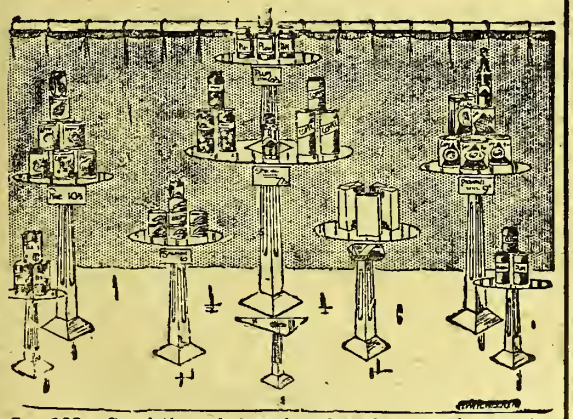

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Maw's Page.

NUMBER 327. JANUARY 19, 1918.

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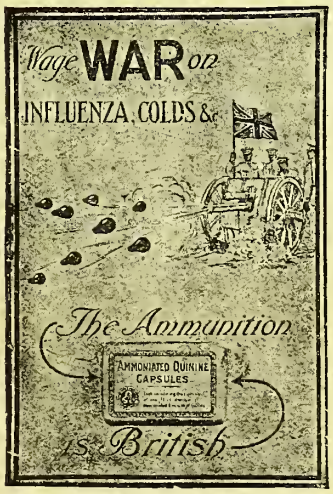

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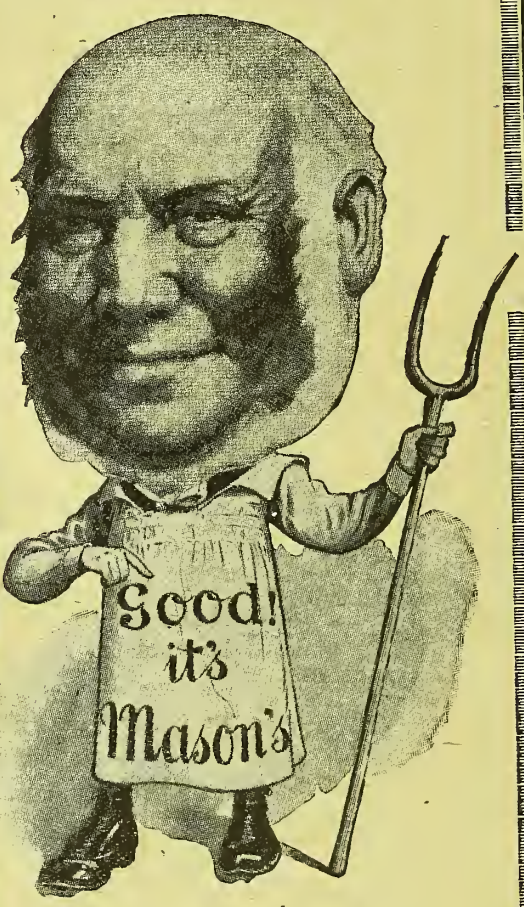

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VITAMOGEN is a preparation containing the Vitamines in their natural and unchanged condition —in combination with Fats, Proteids and Carbohydrates—the whole constituting a complete Food in a palatable and easily assimilable form. VITAMOGEN has been found quite as suitable for administering to young children, and even to infants, as to adults.

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The discovery of the Vitamines was brought about by investigating the cause of beri-beri, a disease which was very prevalent in the Malay Peninsula and other countries where rice is the staple article of diet. The rice grain consists of an inner part and an outer husk. In polished rice the outer husk is removed, and the natives, who lived chiefly on such rice, suffered from beri-beri. It was found that the additions of the husk or the substitution of unpolished for polished rice, was sufficient to cure the disease. The symptoms of this disease are such as arise from peripheral neuritis, or atrophy of the peripheral nerves with subsequent degeneration of the muscles, including the heart muscle. The "something" contained in the rice husk which prevents or cures beri-beri has been shown by Funk to consist of Vitamine. He has succeeded in extracting it from the rice husk in a more or less pure state.

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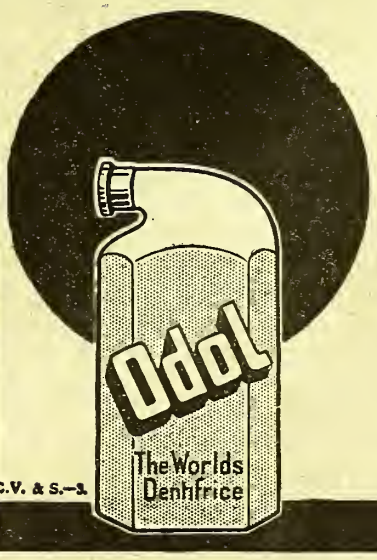

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1749

Owing to the drastic measures taken by the Minister of Munitions with reference to Perfumery Spirit, prices are subject to revision.

Same can be obtained on application.

POTTER & MOORE
MITCHAM

SOLE PROPRIETORS:

W. J. BUSH & CO., Ltd., Ash Grove, Hackney, London, E. 8.

EXCELSIOR CREPE BANDAGES. FAST EDGE.

EXCELSIOR CREPE BANDAGE NAME

Owing to the War, the supply of Crepe Velpeau Bandages is discontinued. We, are, therefore, placing on the market a bandage of ENGLISH manufacture to replace it, which will be sold as

GIMBER'S EXCELSIOR
CREPE BANDAGE

An Elastic Bandage. Containing no Indiarubber. Superseding Elastic Stockings, Webs, Bandages, and at half the cost. Three sizes, about 2, 2½, and 3½ inches wide.

TRADE MARK.

Excelsior Crepe Abdominal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

CAUTION.—Beware of fraudulent and useless imitations, and reject all Bandages not bearing the above Trade Mark on the Wrappers.

Wholesale of
W. GIMBER & SON, Surgical Bandage and Instrument Makers, 44 Queen's Rd., PECKHAM, LONDON, S.E.
And of all Wholesale Druggists, Chemists, Surgical Instrument Makers, &c.
Telephone: New Cross 1601 Descriptiv Circular & Price List on application.

F. M. RUDD, Bronson, MICHIGAN, U.S.A.

GENUINE AMERICAN PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists, Distillers and Confectioners.

Sole Consignees in United Kingdom—
R. W. GREEFF & CO.
Thames House,
Queen St. Place, LONDON, E.C.

100 RATS IN A NIGHT

Mr. SPENCER-PALMER, Chemist, Thornbury, writes:—"With a 1/- tin of 'Rodine' Miss Ogburn killed 100 rats in a night."

Every sunrise brings the same tale where "Rodine" is used: one morning a customer gets 100 dead rats, and another gets 300 dead rats. Customers will have no other rat poison.

"RODINE"

gives satisfaction always. It is the quick-selling, profit-paying rat poison. Push it now.

Get it *direct*—best terms.

Sole Maker,
HARLEY,
Manufacturing Chemist,
PERTH——SCOTLAND.

Export Agents:—
TOZER, KEMSLEY & MILLBOURN, Ltd.,
84 Fenchurch Street, London, E.C. 3.

TIDMAN'S SEA SALT

GOOD PROFITS. PROTECTED BY P.A.T.A.

Two Gross **"PENNY"** Packets sold for **30/-** show over 50% Profit on purchase price **21/-**, less 2½% delivered.

PRICE LIST.

	Advertised Price Per doz.	Minimum Retail. Per doz.	Wholesale Per gross.
"PENNY" PACKETS (12 in box)	**1/6**	**1/3**	**10/6**
Twopenny Packets (12 in box) ...	**2/-**	**2/-**	**19/-**
	Each.	Each.	Per doz.
Boxes, about 1½ lb.	**4d.**	**4d.**	**3/4**
" " 3½ "	**8d.**	**8d.**	**6/8**
" " 7 "	**1/2**	**1/2**	**11/6**
" " 14 "	**2/-**	**2/-**	**20/-**

Four 7-lb. Boxes CARRIAGE PAID for 4/-
Six 7-lb. Boxes CARRIAGE PAID at 11/6 per doz.
Assorted Orders to value of 10/-, CARRIAGE PAID, any of above sizes.

	Each.	Each.	Each.
No stock to hold — **Bags** of 28 lb.	**3/6**	**3/6**	**3/-**
" 56 "	**6/6**	**6/6**	**5/6**
" 1 cwt.	**12/-**	**12/-**	**10/-**

Carriage Paid.

2½% Discount for Cash on all orders of 20/- and upwards.
Packing Cases extra and returnable. Half value allowed if not returned.

TIDMAN & SON, Ltd., London, E. (Members of P.A.T.A.)

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
—— Manufacturing Chemists ——
HULL

INVITE the Trade to take up the following valuable P.A.T.A: Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

	P.A.T.A. Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* " " " " "	1/6	13/-
* " " " " bottles in cartons	1/6	13/-

Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

Owing to the great increase in the cost of raw material and containers for our Losall's Salt, we are compelled to raise the trade prices, but the retail protected prices are proportionately increased.

LOSALL'S COMPOUND SULPHUR SOAP.
A valuable emollient medicated skin soap, especially suitable for use in Eczema } 1/6 13/6

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

LABORATORY OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.
LONDON AGENTS:
WILCOX, JOZEAU & CO., 49, Haymarket, S.W.

CHAPOTEAUT'S CAPSULES of PHOSPHOGLYCERATE of LIME.
THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.
Sold by all Chemists.
Wholesale: 8, Rue Vivienne. PARIS.

MORRHUOL CHAPOTEAUT

CAPSULES
MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.
It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.
SOLD BY ALL DRUGGISTS.

CHANDRON'S DROPS
(Gouttes des Colonies)
A harmless antiseptic preventative against CHOLERA FERMENTATION - INDIGESTION & other intestinal disturbances.
SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

PAPIER POUDRÉ
AND "POPPŒA" PREPARATIONS.

TRADE MARKS

"LEHCARESOR."

Papier Poudré

BRITISH MADE GOODS

OUR
PAPIER POUDRÉ
has stood the test of
PURITY
for
25 YEARS

Beware of Spurious Imitations.

REGISTERED

PAPIER POUDRÉ, LTD.
20 Baker St., Portman Sq. London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

PAPIER POUDRÉ.

IN WHITE, ROSE, or RACHEL TINTS, 3d., 4½d., 6d., and 1/- size Booklets.
2/-, 2/6, 3/9 and 7/6 per doz. net respectively.
SUNBURN TINT, 6d. and 1/- sizes, only 3/9 and 7/6 per dozen net.

NEAT 1/- MIRROR CASES, containing pads of PAPIER POUDRÉ	7/6	per doz.
REFILLS to these MIRROR CASES	2/-	"
SMALL SIZE, DOUBLE LEAVES, for purse or glove	1/3	"
6d. SHAVING PADS (unscented, white only)	3/9	"

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa" REGISTERED TRADE MARK ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 3d., 6d., and 1/- each.
2/-, 4/-, and 8/- per doz. respectively.

IN MIRROR CASES, 1/- each, 8/- per doz.
Refills, 2/8 per doz.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars 9/6 and 28/- per dozen.
"POPPŒA" CREME POUDRE, in Bottles, 9/- and 26/- per dozen.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, PORTMAN SQUARE, LONDON, W.1.

MANUFACTURERS

OF

Fine Chemicals
Perfumery Products

ETC.

AND

DISTILLERS OF ESSENTIAL OILS

desirous of being represented for the sale of their goods in the U.K. should communicate with

W. H. HOBBS & CO., LTD

TRINITY PLACE - - LONDON, E.C.

Telegrams: "GINGERADE, FEN, LONDON." Telephones: AVENUE 666 and 1544.

THREE 100% PROFIT LINES.

EUCRYL

TOILET SPECIALITIES

Here are three good things—just what your Public want. Attractively put up and each containing the maximum of quality and value. Each and all of them will bring you repeat orders and all the time

100% PROFIT

They are worth a good place on your counter and in your window. Sell all three—there's the Eucryl standard of quality behind them all. They need very little pushing on your part—after that they sell themselves. Quality counts—for the public are quick to recognise **merit.**

Fill in the attached Coupon and give them all a good run.

EUCRYL, LIMITED,
61/63 Lant St., Southwark, S.E. 1.

COUPON.

Please send me
(Place a tick against lines required)

3 doz. 7d. Powder at 4/8
3 „ 1/- Paste at 8/-
3 „ 1/- Shampoo at 8/-
(8 Powders in box.)

with 1 doz. free Bonus with each line ordered for permanent display.

Name .....

Address .....

EUCRYL, Ltd., SOUTHWARK, S.E. 1.

"C & D" January 1918.

FINEST **BLACKS** AND

COLOURS

(ALL SHADES)

for

CONFECTIONERY
(Harmless)
MINERAL WATERS
(Acid-proof)
GELATINE
LEATHER
SOAP
VARNISH
BOOT POLISH
WRITING INK
ENDORSING INK
RULING INK
STENCIL INK
PRINTING INK
WOOD STAINS
SIZE
COTTON
WOOL
SILK
COIR YARN
JUTE
&c. &c.

Soluble in

WATER SPIRIT
OIL TURPS
WAX BENZOLINE
GLYCERINE NAPHTHA
PETROLEUM CREOSOTE

and

IN FACT—ANYTHING.

BLACK FOR INK.

MARKING INK.

ETERNITE

A combined Stain and Preservative for Wood.

HOUSEHOLD DYES.

RHEUMSOL BATH SALTS
in 1/- Tins.

WILLIAMS BROS. & CO.

Hounslow, Middlesex.

LIQUID PARAFFIN B.P.

Finest Quality, All Gravities.

STERNS LTD.,
Royal London House, FINSBURY SQUARE, E.C. 2.
Telephone: 3797 London Wall (4 lines).

METHYLATED SPIRIT

OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.
Write for Prices. ESTABLISHED 1794.

SAMUEL THORNLEY, LTD., BIRMINGHAM

CAPPING SKINS
WHITE SPLITS
BAUDRUCHE

Arthur Toombs & Co.
110 CANNON STREET, LONDON, E.C. 4.

Telephone No. CENTRAL 13374
Telegraphic Address— "DEFLECTION, CANNON, LONDON."

STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS

USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches, nausea, vertigo or syncope. :: :: *Literature on demand.*

NO HOME OFFICE LICENSE REQUIRED

Cheaper than Novocain and Benzocain and obtainable promptly in practically unlimited quantities from the manufacturers:

LES ETABLISSEMENTS POULENC FRERES

92, RUE VIEILLE DU TEMPLE, PARIS.

GÉRAUDEL'S PASTILLES

THE GOOD OLD FRENCH PRODUCT.

The most popular and best selling in the world.

THESE PASTILLES OF PURIFIED PINE TAR AFFORD INSTANT RELIEF TO

Sore Throat, Colds, Coughs, Bronchial Affections, &c.

MINIMUM RETAIL PRICE, **1/3** PER BOX.

Prepared by A. GÉRAUDEL, Ste. Ménéhould, Marne, France.

AGENTS:

Gilbert, Kimpton & Co., Peninsular House, Monument St., London, E.C.

"VASELINE"

AND

RELIABILITY

"VASELINE" when used in Ointments contains more of the desired elements necessary for a universal base than any other known substance. It has emollient, antiseptic, healing and protective qualities in itself, is not easily acted on by chemicals, and, where properly protected from air and light, does not change. Also, when incorporated with other medicaments, they are not injured by the action of the base. These conditions have long been recognised by the leading Physicians, Surgeons and Pharmacists throughout the world. Animal and vegetable fats, on the other hand, are subject to change, forming various compounds, which destroy the end for which they were intended.

"Vaseline" is the Registered Trade Mark of the

CHESEBROUGH MANUFACTURING COMPANY (Consolidated)

42 Holborn Viaduct, London, E.C.

Complete Price List of all the "Vaseline" Preparations will be sent post free on application

Extra Business for YOU

You can sell several dozens of the

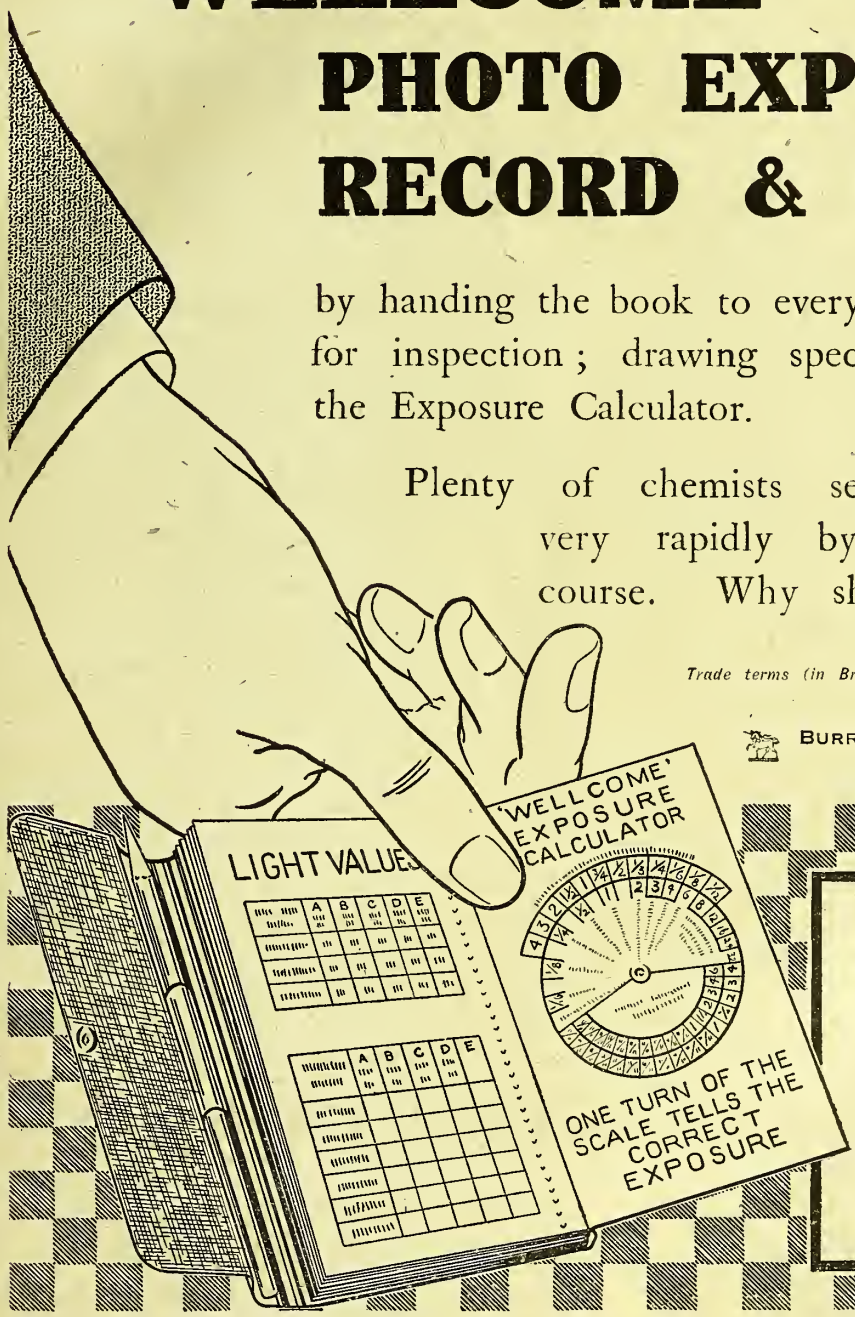
'WELLCOME' PHOTO EXPOSURE RECORD & DIARY

by handing the book to every likely customer for inspection; drawing special attention to the Exposure Calculator.

Plenty of chemists sell large stocks very rapidly by adopting this course. Why should not you?

Trade terms (in British Isles) 12 0 per doz., subject

BURROUGHS WELLCOME & CO.
LONDON



Display it in your window to attract the annual buyers

G 813

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WARRICK
BROTHERS, LIMITED

CHOCELLÆ.
PULVELLÆ.
FLEXOIDS.
FLEXETTES.
FIZZZLETS. *(Suspended)*
REFRESHLETS. *(Suspended)*
EXTRAITS AUX FLEURS.
ESSENTIAL OILS.
POMADES (FLORAL).
ROSE WATER.
SACHETS.
PERFUMES.
SYNTHOROSE.
CACHOUS.
FRAGRETS. NORETS.
PERLES.
PASTILLES.
LOZENGES.
ORIFORM LOZENGES.
WALMSLEY CLEANING PADS.
CAPSULES.

NOSTRONES.
COMPRESSED TABLETS.
AMULETS.
POT POURRI (CINET'S).
JAPADUMS (CINET'S). *(Suspended)*
TOILET SOAPS.
CHAPIREAU'S CACHETS.
CINET'S GOODS.
CACHETS.
CACHET APPARATUS.
ZEPHYR BUTTONHOLES.
PERFUMETTES.
OTTOLETTES.
ZOMBS.
CHANTICLEER.
LUBRILAX.
THE "FLAG" EAU DE COLOGNE.

Also Special Agents for
JELLOIDS.
IRON JELLOIDS.
DULCILAX.

6 Nile Street, City Road, London, N.1.

Telephone: LONDON WALL 2452 (2 Lines). Telegrams: "WARRICKERS, HOX LONDON."

CORRESPONDENCE FROM OVER-SEAS SOLICITED.

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

SUBSCRIPTION RATES.
Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of *The Chemist and Druggist Diary* next published. Subscriptions may begin any month. Single Copy, 6*d.*; Summer or Winter Number, 1*s.*; *Diary* 3*s.* 6*d.* Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12*s.* 6*d.*, franco.

Подписная цѣна на еженедѣльный журналъ съ приложеніемъ Годового Дневника—12 шиллинговъ 6 пенсовъ на годъ съ пересылкой.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 12 ch. y 6 peniques, franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the
Head Office: 42 CANNON STREET, LONDON, E.C.4.
Telegrams: "Chemicus, Cannon, London." Telephone 3617 Central (three lines).
Branches: MELBOURNE AND SYDNEY, AUST.

CONTENTS: No. 3 (Series No. 1982), Vol. 90

	PAGE
Almanacs and Calendars	38
Birth	39
Business Changes	36
Coming Events	33
Correspondence:	
Letters	51
Subscribers' Symposium	52
Legal Queries	52
Miscellaneous Inquiries	52
Deaths	39
Editorial Articles:	
Drug-stocks Declaration	42
The Trade-marks Bill	43
Reconstruction Problems: V. — Education (*concluded*)	44
Insurance Dispensing Difficulties: III.—Glycerin and Syrup	44
English News	35
European War	33
French News	37
Information Department	40
Insurance Act Dispensing	46
Irish News	36
Legal Reports	37
Marriages	39
N.H.I. Administration	47
New Companies	37
Observations and Reflections	41
Personalities	39
Pharmaceutical Society of Ireland:	
Council-meeting	45
Examination Results	45
Poisonings	35
Proprietary Articles Trade Association	34
Retrospect	52
Scottish News	36
Tales of Oenophus	34
Trade-marks	40
Trade Notes	40
Trade Report	48
Westminster Wisdom	45
Winter Session of Chemists' Associations	38
Year of Better Business, A	34

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Friday, January 18.

Wrexham Chemists' Association. Mr. J. G. Tringham on "Tales that Tell, or the Art and Part of Publicity."

Wednesday, January 23.

Birmingham Pharmaceutical Association, Grand Hotel, at 7 P.M. Whist-drive in aid of the St. John Ambulance Rest Station for Red Cross trains. Tickets (2*s.* 6*d.* each) from Mr. F. Smith, Hon. Secretary, 22 Soho Road.

Association of Manufacturing Chemists, Ltd., Cannon Street Hotel, London, E.C., at 2.30 P.M. Meeting to discuss the question of the release of tinplate for ointment-boxes.

Friday, January 25.

Royal Institution of Great Britain, Albemarle Street, London, W. 1, at 5.30 P.M. Professor John S. Townsend, F.R.S., on "The Motion of Electrons in Gases."

INFANTS fed on heated or dried milk, or on any milk substitute, should receive also some antiscorbutic ration, such as fresh fruit-juice or potato. It is probable that the raw juices of turnips and swedes can also be employed.—*Lancet.*

European War News.

Import and Export Notices.

SIERRA LEONE.—The Board of Trade have received copy of a Bill which proposes that the following export duties shall come into operation in the Colony on January 1, 1918—viz., palm-kernels, 10*s.* per ton; palm oil, 10*s.* 5*d.* per ton; kola-nuts, 4*s.* 8*d.* per cwt.

UNITED KINGDOM.—The Director of the War Trade Department announces that the notice published on p. 66 of the "Board of Trade Journal" of October 11, 1917, under which certificates are required to be sent with applications for licences for the export from the United Kingdom to Japan of morphia or cocaine, is now extended to all shipments of codeine and other opium alkaloids.

Priority Certificates.

The Director of the War Trade Department announces that it has been arranged with the Priority Departments of the Admiralty and of the Ministry of Munitions that, except as after-mentioned, in the case of *all goods subject to Priority control by those Departments,* and intended for export (i.) to neutral countries, or (ii.) to Allied countries (unless the goods are purchased directly by or on behalf of Allied Governments, or are required for the execution of specific Allied Government contracts), applications for Priority Certificates should not, on and after January 14, be addressed to the Priority Department. Instead, applications for export licences are henceforth to be made in duplicate to the War Trade Department, 4 Central Buildings, Westminster, S.W. 1, whenever a Priority Certificate is required in respect of such shipments, whether the exportation of the goods is prohibited or not. If the War Trade Department have no objection to the export, they will communicate with the Priority Department concerned with a view to the grant of a Priority Certificate, and if this is granted it will be forwarded by the War Trade Department to the applicant, who should *not* communicate with the Priority Department direct. Where goods for British Possessions are concerned applications must be made for Priority Certificates to the usual Priority Department, and no application for a licence for shipment must be sent until the original Priority Certificate can be produced. For exports to or on behalf of Allied Governments or for the execution of specific Allied Government contracts, applications for Priority Certificates must be made to the Commission Internationale de Ravitaillement. The Government Notice respecting the above appears in full in the "Board of Trade Journal" of January 10, 1918.

Personalia.

GUNNER R. STEPHENSON, youngest son of the late Mr. Robert Stephenson, chemist and druggist, Barkerend Road, Bradford, is reported missing since November 30, 1917.

PRIVATE HERBERT A. BRASSARD, a director of the Fabra Co., Ltd., Minories, London, E., who joined the Artists' Rifles in 1916, is lying seriously ill in hospital suffering from trench-fever.

PRIVATE HARRY BROWN, Royal Fusiliers (City of London), has been wounded in action, and is in hospital in England. For several years he was with Mr. George R. Hankinson, chemist and druggist, Uttoxeter.

PRIVATE THOMAS TYRRELL, King's (Liverpool Regiment) is posted as "missing." He was in civil life with Mr. William C. Wakefield, manufacturing chemist, Savile Town, Dewsbury, and has four brothers in the Army.

LIEUTENANT JAMES GALLOWAY, R.A.M.C., has been wounded in action. Lieutenant Galloway enlisted shortly after the outbreak of war, prior to which he was an assistant with Mr. William Robertson, chemist and druggist, Pitlochry.

CAPTAIN J. B. WILLIAMSON, R.A.M.C., who has been mentioned in a recent despatch, is medical officer of the Tynemouth Union Infirmary, and son of Mr. J. B. Williamson, chemist and druggist (Williamson & Hogg, chemists, North Shields).

SERGEANT ALEXANDER MCINTOSH, R.E., has received the Croix de Guerre, and has been made a Chevalier of the Order of Leopold (Second Class). Sergeant McIntosh was in civil life an assistant with Mr. John Hunter, chemist and druggist, Bank Street, Carlisle.

CAPTAIN FREDERICK BUTWELL WINFIELD, son of Mr. George F. Winfield, pharmacist, Solihull, has been mentioned in despatches for gallantry in the field. Captain Winfield, who qualified as a medical practitioner in 1914, has been on active service since the outbreak of war.

CAPTAIN JOHN CALDWELL FERGUSSON, R.A.M.C., who has been awarded the Military Cross for gallantry under heavy fire, is a licentiate of the Royal College of Physicians and

Surgeons in Ireland. He married last June the youngest daughter of the late Mr. James Wells, Ph.C., Sackville Street, Dublin, and niece of Mr. W. F. Wells, ex-President of the Pharmaceutical Society of Ireland.

CAPTAIN HERBERT MATHER SPOOR, R.A.M.C., has been awarded the Military Cross for an act of gallantry thus officially recorded: "Under an intense hostile bombardment he dashed out of a cellar, where he was sheltering, and ran across the open to attend to two men who had been wounded in a dug-out. After attending to them he noticed that the house he had just left was hit, whereupon he ran back again through heavy shell fire to see if his services were required." Captain Spoor qualified as a chemist and druggist in 1903, and five years later took the Edinburgh M.B. and Ch.B. While attending the University his histrionic abilities were in frequent request, and he was also known in early life as a journalist. More recently he has held medical appointments in London and at Stoke (Rochester).

Miscellaneous.

BELGIAN DOCTORS' AND PHARMACISTS' RELIEF FUND.—At a meeting of the Executive Committee on January 14, it was arranged to call a meeting of the General Committee. Dr. Des Vœux reported that the Fund has in hand 1,096*l.*, but that it was not thought advisable to send more than 400*l.* to Belgium for the month of January.

CATTLE-FEEDING STUFFS.—By the Cattle-feeding Stuffs (Committees) Order, 1917, the Food Controller has set up four Port Feeding Stuffs Committees for England at the Ports of London, Liverpool, Hull, and Bristol, one Port Feeding Stuffs Committee for Scotland at Glasgow, and also twenty-eight Provisional Feeding Stuffs Committees for England and Wales, and seven Provincial Feeding Stuffs Committees for Scotland. The object is to facilitate the distribution and allocation of cattle-feeding stuffs, and it is intended that licences for trading shall be obtained through these Committees.

A Year of Better Business.

THERE are a few more points left to refer to in the estimate of a year's advertising which I gave last week.

MORE ADVICE ON ADVERTISING.

PERSONAL LETTERS.—These will be required more by the better-class business, and are useful for stirring up old customers, introducing special lines, collecting accounts, etc.

SERVICE-FEES.—I mention this because it is well worth the small fee charged to enlist the services of a competent advertising man, who will relieve the busy chemist of the responsibility of writing and checking advertisements, designing labels, circulars, cartoons, etc., writing to printers, and the many other details required to conduct a successful advertising campaign. The value of such service is recognised by many firms in the same way as that of the accountant.

Dress your windows and newspaper space fortnightly (weekly if possible), make them seasonable, and see that the two agree. Don't advertise health salt and make a big show of cameras. Take advantage of seasons and local events, and three or four times a year run a children's week. Make your windows and advertisements appeal to them. It is surprising what an impetus the children can give to a chemist's business.

There is plenty of business to be done, even in these hard times, by those who go out of their way to do it. Doctors are scarce, and those who are left are working at top pressure. The chemist should be in the same position. Cough-mixtures, chilblain-cures, throat-paints, rheumatic liniments, and a host of other remedies are selling, or should be selling, at the present time like hot cakes.—*Herbert E. Kendrick.*

THROAT-STERILISATION.—Silver-nitrate solution (12.5 to 25 per cent.) is employed at the Plaistow Hospital for sterilising the throats of diphtheria patients before they are discharged from the hospital.

NEW ZEALAND KAURI GUM.—According to the report for 1916-17 of the Kauri Gum Superintendent, the amount of gum exported that year was 4,862 tons, valued at 300,271*l.*, compared with 4,575 tons, valued at 279,133*l.*, in 1915. It would appear that the United Kingdom market is not particularly interested in this gum, and that the chief market is the United States. Prior to the war Germany was a purchaser, and it is said that since the war Japan has been taking an interest in the trade.

Proprietary Articles Trade Association.

A MEETING of the Council was held at the Holborn Restaurant on January 10, Dr. J. J. Pilley (of Mellin's Food) in the chair. There were also present: Messrs. J. G. Atkinson, G. R. Barclay (Barclay & Sons, Ltd.), W. C. Birks (Raimes & Co.), G. H. Burroughs (John Thompson, Ltd.), R. Feaver Clarke, W. L. Currie, Wm. Edwards (Wm. Edwards & Son), J. B. Francis, John Keall, A. R. Keith, S. Kutnow (S. Kutnow & Co., Ltd.), Wm. Lane (James Woolley, Sons & Co., Ltd.), J. McCaig (Evans Sons Lescher & Webb, Ltd.), J. Milner, F. R. L. Newbery and E. Pickering (F. Newbery & Sons, Ltd.), G. P. Pond, H. M. Read (Hirst, Brooke & Hirst, Ltd.), A. Ridout (J. Grossmith & Sons, Ltd.), P. F. Rowsell, F. J. Smith (Sangers), J. A. South (John Steedman & Co.), W. T. Symes (Evans, Gadd & Co., Ltd.), and A. T. Webb (May, Roberts & Co., Ltd.).

OFFICERS ELECTED.—The following were elected officers for 1918: *President*, Mr. Wm. Lane (James Woolley, Sons & Co., Ltd.); *Vice-Presidents*, (Manufacturers) Mr. J. A. South (John Steedman & Co.), (Wholesalers) Mr. F. J. Smith (Sangers), (Retailers) Mr. J. Keall. *Executive Committee*: The officers, with two representatives from each Section as follows: (Manufacturers) Mr. S. Kutnow (S. Kutnow & Co., Ltd.), Mr. A. Ridout (J. Grossmith, Son & Co.), (Wholesale) Mr. W. Edwards (W. Edwards & Son), Mr. J. McCaig (Evans Sons Lescher & Webb, Ltd.), (Retail) Mr. J. G. Atkinson, Mr. P. F. Rowsell. It was resolved that the retiring President be made a member of the Executive Committee *ex officio*. Mr. Lane then took the chair, and proposed a vote of thanks to the retiring President, Dr. Pilley. The Secretary reported that the 1918 Year-book was expected to be delivered before the end of the month. It was resolved that the present system of Divisional P.A.T.A. Secretaries for London be altered, so that there might be a closer relation between the P.A.T.A. and the London Associations. The Secretary was instructed to ask the Associations, through Mr. Tocher, to nominate someone in each district to be a *liaison* officer. It was reported that Captain Norman, from the National Service Department, attended an Executive meeting held on November 15, and asked that the P.A.T.A. should appoint a Committee with whom the Department could confer in regard to enlistments, etc., from the firms connected with the proprietary articles trade. It was explained to him that there are now few or no men who could be spared from the wholesale or retail section of the proprietary articles trade immediately connected with the business of chemists and druggists. The following Committee to consider this matter was appointed: Dr. J. J. Pilley, Mr. J. G. Atkinson, Mr. A. Ridout, Mr. Birks, of Raimes & Co., suggested a scheme for the re-arrangement of the prices of proprietary articles. It was on the lines of the plan proposed by Mr. Saunders, of Liverpool—viz., face-value, and not less than 20 per cent. profit to the retailer on his sales. The proposal was referred to the Executive Committee for further consideration.

Tales of Oenophus.

V.—Ye Phantome Habitatione.

INASMUCH as ye Controllers of ye Destiny of Crafte are worthily or unworthily beholden, so may their Wayes be judged void of Guile—or Otherwise.

It is recorded that attached to ye Shrine of Bluhmsbré is a Single Habitatione with Two Numbers. Nowe, it may hap that On Occasion this Fact—unknown to ye Proletariat—may prove usefull.

For one hath heard of an Institutione, some callo "Ellayee," for which Habitatione was Desired. So that albeit "Eight-and-Sixty" might be habited, yette, in Theory, "Six-and-Sixty" might be void. Wherefore "Elayee" might be habited in "Six-and-Sixty" and Rente Duly Payed.

Nowe, ye Laying-Uppe of Treasure against ye Whirligigges of Misfortune and ye Distrustfulnesse of Crafte is righto and proper accordyngo to ye Argumentationes of ye Orthodox.

Butte what of ye Pannellers who Pay Tribute to "Elayee"? Is it well with Them?

THE GERMAN bases his *Kultur* on war, and considers rape, murder, mutilation, and arson legitimate methods of warfare and appropriate means of convincing other nations of his intellectual superiority.—*British Medical Journal.*

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

New Paper Order.

The Paper Restriction (Posters and Circulars) Order, 1918, which takes effect from February 1, revokes and embodies with some amendment the Paper Restriction (Posters and Circulars) Consolidation Order of October 22, 1917, and the general licences of November 8 and 19 issued thereunder. The Order imposes no fresh restrictions, and makes several concessions. New posters will be restricted to 2,400 sq. in., as at present. So far as concerns stock posters, retailers are accorded the same privileges as other advertisers. They will be entitled to exhibit anywhere posters which were printed or partly printed on or before March 2, 1917, and were actually in stock on or before October 22, 1917. The restriction as to the total area of posters to be exhibited on any one wall, hoarding, or place which was imposed by the Order of October 22 is removed generally so far as stock posters are concerned. The unrestricted despatch of trade catalogues and price-lists from traders to traders is permitted up to January 31, 1919. Other classes of advertising circulars may be distributed up to the same date on the basis of one-third of the total weight of such matter distributed between February 1, 1916, and January 31, 1917.

Contracts.

The following tenders have been accepted:

Alverstoke Guardians.—The "Sanitas" Co., Ltd., soap; McDougall Bros., Ltd., carbolic soap; Bovril, Ltd., bovril; Oxo, Ltd., oxo.

Manchester Corporation.—W. H. Cowburn & Cowpar, Ltd., spirit of salt.

South Stoneham Guardians.—W. Bates & Co., Ltd., Southampton, medical requisites.

Mr. F. Ingram Johnson, chemist and druggist, Southend-on-Sea, has advised the medical officer of health for the borough that 1-lb. jars of malt and cod-liver oil have advanced 10s. per gross since his last tender was accepted. He proposes to charge supplies ordered immediately before the rise was reported at the new rate, without adding the usual 10 per cent. of the contract.

Birmingham.

The estimated cost of the projected commercial library for this city is 1,500*l.*

Owing to food restrictions no refreshments will be supplied at the whist-drive on January 23.

The depositors during the recent "Tank" visit included Alfred Bird & Sons, Ltd. (40,000*l.*), the British Cyanides Co., Ltd. (40,000*l.*), Mr. Wilfred Hill (5,000*l.*), W. Canning & Co., and S. Thornley, Ltd.

Mr. Henry Longmate, Four Oaks, has been presented by the Queen of Italy with a gold watch and chain, in recognition of his services in organising an establishment at the Quirinal for the manufacture of artificial limbs.

Liverpool.

A few pharmacists of military age have received notice to submit themselves to examination by the medical officers of the Tribunals.

Sundry evening collisions having occurred between entering customers and pharmacy doors, some of the latter have been adorned with coloured glass or paper to reduce the risk.

A local pharmacist recently sold a bottle of eau de Cologne to a lady; two days later he was notified from a distant town that the bottle was empty when sold. He replied with a *démenti*, and then received the bottle, cracked, by post. Again he repudiated liability. The lady has not yet made her next move.

At Liverpool Quarter Sessions, on January 10, Patrick McCluskey, a manufacturing chemist, was fined 20*l.*, and 10*l.* costs, or two months' imprisonment in the second division, for falsely describing certain liquids as liqueur "rum" and liqueur "whisky." The preparations, which bore the word "non-excisable" on the labels, were found to contain 1.5 per cent. of absolute alcohol, some sugar, and some flavouring.

Manchester.

The Manchester University Council has accepted the endowment of a chemical research scholarship, of the value of 100*l.* per annum, by the Simon-Carves Bye-Product Coke Oven Co., Ltd., Mount Street.

Sheffield.

Mrs. J. Gilbert Jackson has had a rather serious ice accident, resulting in a fractured wrist.

Sergeant H. Tilsley, whose marriage is announced on p. 39, joined the Forces as dispenser in September 1914. He has recently paid a flying visit to Sheffield.

Mr. Harry Chadwick, chemist and druggist, has taken over the management of the dispensing department of Thompson & Capper, Ltd., chemists, Church Street.

The prices of various preparations of salvarsan for use in treatment under the Venereal Disease Act have been so regulated by the Government that a recognised institution gets 50 per cent. discount off the nominal price, while the pharmacist is allowed only 40 per cent., thus compelling the institution, which may be his customer, to deal direct with the makers.

Miscellaneous.

FIRE.—On January 11, a fire broke out on the premises of Mr. W. J. Brown, Ph.C., Ludlow. The front shop and a store-room were involved, and extensive damage was caused, the fire continuing for about three hours.

FEDERATION OF BRITISH INDUSTRIES.—This body has issued a "Memorandum on Education," the chief point of which is that, although compulsory education should be extended to the age of fourteen, only specially promising children should be compelled to attend secondary schools after that age. The need is urged of providing a larger proportion of teachers to pupils than is customary.

BRITISH ASSOCIATION OF CHEMISTS.—Sectional meetings of this body were held on January 12 at Newcastle and Huddersfield. The ground now familiar (see *C. & D*, January 12, p. 36) was again traversed, with the addition from one speaker that it was intended to "safeguard the public by obtaining legislation to insist on chemical operations being carried out only by qualified chemists." The next general meeting is to be held in Manchester on February 9.

PRIVATE ARRANGEMENT.—The creditors of Mr. William Dodd, Cash Drug Stores, East Boldon, were called together at South Shields on January 9, when a statement of affairs was submitted showing liabilities amounting to 305*l.* 18*s.* 3*d.*, and assets valued at 107*l.* 8*s.* 1*d.* It was reported that the debtor commenced business in August 1915 with no capital other than his wife's loan, and that his profit had not been sufficient to meet the working expenses. It was resolved that subject to his wife's claim for 114*l.* being withdrawn, and that the household furniture, estimated at 30*l.*, be brought into the estate, the matter be left in the hands of Mr. Smith to wind up, the proceeds to be divided *pro rata* among the creditors.

SALE OF FOOD AND DRUGS ACTS.—The Essex public analyst reports that a sample of cow-food submitted, informally, under suspicion, consisted mainly of vegetable offals, mixed with a rather large proportion of rancid oil. In addition, it contained about 2 per cent. of finely divided oxide of iron, the presence of which in so high a ratio renders the use of the food a risky proceeding.—Burnley Corporation Health Committee have passed a resolution asking that orders be made under the Defence of the Realm Regulations which will preclude persons against whom proceedings have been instituted under the Sale of Food and Drugs Acts from relying upon warranties as defences.—At Stratford Police Court, London, E., on January 16, Camille Brooks, grocer, Albert Road, Walthamstow, was fined 20*s.* for selling Epsom salt contaminated with arsenic and lead.

POISONINGS.—A verdict of "Death by misadventure" was returned at a Kensington inquest, on January 12, on the Rev. Francis Sparling, St. Quintin Avenue, who was found dead in bed on January 9. Bottles which had contained chloral were in his bedroom, and it was stated that his chloral prescription was originally dispensed for his mother, and had been given her by a medical man fifty years ago. Mr. Robert Fynn, chemist and druggist, St. Helen's Gardens, gave evidence of the supply of chloral on this prescription since September 25. The prescription was for a 6-oz. bottle containing 10 gr. in a tablespoonful. The Coroner expressed an opinion that the law relating to the dispensing of prescriptions containing poison should be altered so that the prescriber's renewal should be a prerequisite of repetition.—At an Accrington inquest on a young child named Holden, who died on January 4 as the result of drinking A.B.C. liniment, Dr. Johnson stated that the liniment was in a poison-bottle, and the label, "Not to be taken," was quite sufficient. The verdict was "Accidental death."

POLICE COURT CASES.—At Bow Street Police Court, London, W.C., on January 12, Frank Avigdor, Isis Street, Earlsfield, S.W., a discharged soldier, was committed for trial on a charge of soliciting and inciting to steal oil of bergamot, salicylic acid, camphor, otto of rose, and other articles,

the property of Edwards' Harlene, Ltd., Lamb's Conduit Street, W.C. It was stated that the accused had been employed by the prosecuting firm as a laboratory assistant. After leaving without notice, he suggested to one of the firm's employés that he intended manufacturing Harlene on his own account, and arranged to receive at Waterloo Station certain articles from the firm's laboratory. There he was arrested; and on his residence being searched bottles bearing the Harlene stamp were found. Mr. Leo George Day, director of Edwards' Harlene, Ltd., gave evidence as to the use of the articles mentioned in the charge, which were not sold separately. Bail was allowed.—At Thames Police Court, London, E., on January 11, John Leary, stevedore, who had been invalided out of the Navy, was bound over on a charge of stealing two cases of methyl salicylate, value 10*l*., the property of Mr. A. C. Lloyd, cartage contractor, Tower Hill, E.C.—At Guildhall Police Court, London, E.C., on January 15, Thomas R. S. O'Hagan, Shrewsbury Road, W., was remanded for a week on a charge of forging and uttering a doctor's prescription ordering morphine. It was stated that a City chemist to whom the prescription was presented sent for the police, and that the defendant was very violent at the police station. More than one forged prescription was found on him. He admitted having taken morphine for eighteen years, sometimes to the extent of 7½ grains a day.—At West Ham Police Court, on January 15, the Stipendiary resumed the hearing of summonses against George Amies, Stratford and Bow Road, E., who is accused of manufacturing used tea-leaves in imitation of tea and of being in possession of tea-leaves so manufactured. Mr. Francis G. H. Tate, a Government analyst, stated that tannin and caffeine could be extracted from used tea-leaves without drying them. The defendant stated that he had never been a party to drying the leaves for any other purpose than the extraction of caffeine and tannin. The caffeine obtained by his process was impure and had been thrown away, as also had the tannin.—At Stratford Police Court, London, E., on January 16, John James Ingleback, shopkeeper, Ilford Lane, Ilford, was fined 20*s*. for selling "Sugarine" to the prejudice of the purchaser. Expert evidence was given that the preparation contained 1.3 per cent. of saccharin, and was seven times sweeter than sugar, instead of twelve or fourteen times as advertised.

Scottish News.

Brevities.

Aspirin tablets are down to very near the pre-war prices.

Caledonia having of late been at its sternest and wildest, the demand for cough and cold remedies, hot-water bottles, etc., has been abnormal.

In very many pharmacies the *C. & D. Diary* for 1918 lies or hangs in a convenient spot, and stocks are worked up on the lines of "The Chemist's Calendar."

Mr. W. Broadfoot Clark has established himself in business as a chemical-merchant at 16 Bothwell Street, Glasgow. For the past twenty-seven years he has been in the employment of J. Pattison & Co. and Allan Clark & Co.

"Trooper L. McCustra" (author of "Gallipoli Days and Nights") is a *nom de guerre* of Private Louden, Scots Fusiliers, who died on service in 1916. He was the son of Mr. William T. Louden, chemist and druggist (Seath & Louden, Dunfermline).

The Parliamentary Secretary to the Ministry of Munitions has issued a statement that all existing plants at the shale-works of Scotland and the gasworks and coke-ovens throughout the country are being pressed to their utmost capacity, and are being extended as far as present circumstances permit. Certain plants already in existence can be adapted in a short time to treat new material by new methods. This adaptation is being actively pursued. Where suitable raw material cannot be dealt with on existing plants arrangements are in progress for erecting works for the extraction of oil.

Dundee.

Lord Leverhulme addressed the Dundee Business Club on January 11 on a "Six-hours' Working Day."

Mr. George J. Lindsay, pharmacist, advertises in the local Press a ten-days' bargain sale at 111 Nethergate.

Edinburgh.

During the recent severe weather Mr. George P. Cooper, chemist and druggist, Newhaven, discovered that the contents of two large carboys, kept in a closed-in window, were frozen. The stoppers were almost pushed out, thus relieving pressure and preventing the fracture of the sides.

At a meeting of the Highland and Agricultural Society, on January 9, Dr. J. F. Tocher, F.I.C., Ph.C., submitted his annual report, the chief features of which are as follows:

Over 150 samples were analysed during 1917, of which 58 were fertilisers, 36 feeding-stuffs, 12 waters, 26 milks, 8 soils, and 12 examinations for poisons. The proportion of soluble phosphate in a properly made nitre-cake superphosphate did not exceed 16 per cent. Dried yeast was appearing on the market as a feeding-stuff; a sample was found to contain 48 per cent. of albuminoids. Large quantities of this by-product have been available during the war, and experiments show it to be highly digestible. The proportion of starch in potatoes was found to be from 13 to 19 per cent. There was no factory, so far as he knew, for producing potato starch, although potato flour and potato flakes were being produced to some extent. Two of the samples of soils examined were found to be acid, and therefore hurtful to plant-life. Lime should be used to correct the normal alkaline wastage from soil, equivalent to about a ton of lime per acre per annum. From 2 to 4 tons of paper-works waste lime per acre would be a suitable quantity.

Glasgow.

Newspaper advertisements of saccharin tablets are numerous just now.

Mr. Alexander Borrowman, seedsman, 29 Candleriggs, is applying for an agricultural and horticultural poisons licence.

Glasgow panel chemists learn that on final adjustment of the figures of the Drug Fund for 1916 a bonus has been earned for that year and some 1,300*l*. will be distributed among them *pro rata*.

The Chemists' Friendly Society has purchased 640*l*. worth of War Bonds at the Tank Bank in Glasgow. Pharmacists and their staffs have also contributed to the historic success of "Julian."

Private John Howat, Highland Light Infantry, has been spending a few days at home prior to re-embarking for overseas. In pre-war days he was widely known as the Glasgow and West of Scotland representative of Burroughs Wellcome & Co.

Lieutenant-Colonel W. Alexander, D.S.O., who has been appointed Controller of Supply in the aircraft production branch of the Ministry of Munitions, has for several years been managing director of Charles Tennant & Co., Ltd., manufacturing chemists, Glasgow.

Copies of the Scottish Chemists' Retail-price List, referred to in our last issue (p. 37), are supplied to members of the local Associations on application to Mr. Alexander Murray, Hon. Secretary Trade Committee, 38 Herriet Street, Pollokshields, Glasgow. The annual charge includes postage.

Irish News.

Brevities.

Mr. A. J. O'Donnell, formerly of Hayes, Conyngham & Robinson, Dublin, and late of Gormans Medical Hall, the Quay, Waterford, has been appointed manager of Bell's Pharmacy, 89 Quay, Waterford.

Mr. Maurice O'Sullivan, Ph.C., Medical Hall, Queenstown, has been presented with the certificate of the Royal Humane Society for successful respiration-work in connection with the rescue of a drowning man.

The Pembroke Urban District Council, co. Dublin, has applied the provisions of the Shops Act to chemists' shops and drug-stores in the township. The hour of closing in future will be at 9 P.M. from Monday to Friday, and 10 P.M. on Saturday, thus bringing the houses concerned into line with Dublin.

Business Changes.

MR. C. BURSALL TONGE, chemist and druggist, High Street, Hornchurch, has disposed of his business to Mr. Revill.

THE PHARMACY lately carried on by Squire & Co. (Birmingham) at 21 Cliff Town Road, Southend-on-Sea, and formerly by Mr. J. M. Rees, has been closed.

MR. E. A. HOLLOWAY, chemist and druggist, The Broadway, Southend-on-Sea, has purchased the prescription-books and recipes of the late Mr. J. Hillen, chemist and druggist, Nelson Street.

MR. T. W. CROSBY, Ph.C., has transferred his business from 33 Montpellier Parade, Harrogate, which has been a chemist's shop for three-quarters of a century, to No. 21 in the same road. The new front, in light oak, is a splendid sample of the modern shopfitter's art.

French News.

(From the "C. & D." Paris Correspondent.)

NEW TAXATION in France is to take various forms. The war profits levy may be as much as 80 per cent. when profits exceed 20,000*l.* Death duties, stamp duties, etc., are to be increased, and a 10 per cent. tax levied on luxuries (first-class hotel and restaurant bills, motor-cars, etc.). The most far-reaching measure is possibly the charge of one-fifth per cent. on all payments; for instance, anyone settling a 100*l.* bill, or paying 100*l.* rent, must add 4*s.* for war tax. Trade transactions, endorsements on cheques, and bank receipts do not come under the operation of the new measure, which is to commence in April.

IMPORT REGULATIONS.—A regulation applying to all foreign countries, with the exception of the United Kingdom and Italy, provides that the following goods (scheduled in "List G" as "chemicals") may only be imported into France by special permission granted by the Director of the Technical Services of the Ministry of Commerce (Third Section), 101 Rue de Grenelle: Musk, cantharides, civet, castoreum, amber, essential oils, copaiba, Peru, tolu, Canada, and gurjun balsams, aloes, opium, cinchona, lichen, medicinal fruit and seeds, coal-tar and alcohol by-products, prepared dyes and colours, compound medicaments, casein, sugar of milk, and chemicals, except those named in the official list of September 11.

PROPRIETARY MEDICINES DISCUSSED.—The discussion on Proprietary Medicines at the Paris Academy of Medicine (*C. & D.*, December 29, 1917, p. 37) terminated by the voting of the following resolution:

The National Academy of Medicine, considering that the non-application of the Law of 21st Germinal (Year XI.), and especially of Clauses 32 and 36, concerning secret remedies, is dangerous to the public health, demands the strict ("rigoureuse") application of the law. The Academy considers that to obtain this result the Decree of May 3, 1850, should be completed by the following provisions:

"Every simple or compound medicament, of which the qualitative and quantitative composition is unknown, should be considered as a secret remedy, and prosecuted as such."

The Academy demands the immediate application of the Decree of May 3, 1850 (thus completed), and of the Decree of September 14, 1916, to proprietary medicines.

As to hygienic and alimentary proprietary articles, the Academy considers that these products, when of a nature to be used by patients, should bear a label with the exact indication of their composition.

The resolution as above framed evidently presents the defect that M. Léger, the "rapporteur" of the Committee, begged the Academy carefully to consider and avoid—*i.e.*, of being inacceptable to the commercial and general public—and is accordingly likely to remain on record as a purely platonic protest by hygienic *savants* against modern methods.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

TONCO, LTD. (P.C.).—Capital 3,000*l.* Among the objects are the manufacture and sale of sauces, preservatives, drugs, chemicals, medicines, etc. R.O., Main Street Chambers, Rotherham.

JOSEPH WALKER, KENYON & CO., LTD. (P.C.).—Capital 100,000*l.* Objects: To take over the business of gum, soap, starch, and chemical manufacturers and general drysalters carried on by the exor. of the late T. Kenyon at 10 Norfolk Street, at Soapery Street, West Gorton, at Albion Street, Miles Platting, and Regent Street, Miles Platting, all in Manchester, as "Joseph Walker & Co." and "Thomas Kenyon"; also to carry on the business of manufacturers of and dealers in size, oils, dyes, etc. Solicitor: W. Page, Lloyds Bank Buildings, King Street, Manchester.

SIR THOMAS BEECHAM'S ESTATE, LTD. (P.C.).—Capital 500,000*l.* Objects: To acquire and turn to account the interest of Sir Thomas Beecham, Bart., in the estate of the late Sir Joseph Beecham, Bart., and various other properties and interests belonging to Sir Thomas Beecham, to acquire and turn to account such further interests in the estate of the late Sir Joseph Beecham, and such other properties belonging to members of his family as are suitable for the purposes of the company, and to carry on business of land, share, stock, and property owners and dealers, financiers, builders, etc. The first directors are: Sir Thos. Beecham, Bart. (permanent director and chairman), Sir Salter Pyne, C.S.I., and Colonel Chas. H. Innes-Hopkins. Solicitors: Boydell & Cooke, 1 South Square, Gray's Inn, London, W.C.

Legal Reports.

Dried-milk Litigation.—The matter J. R. Hatmaker *v.* J. Nathan & Co., Ltd., in respect of a dried-milk patent (*C. & D.*, December 22, p. 37) was mentioned before Mr. Justice Lawrence in the Chancery Division on January 11 upon an adjourned summons, by which the plaintiff appealed to his Lordship to review the Master's taxation of costs in the action, which the defendants won. His Lordship, without calling on the defendants and respondents to the summons, said no principle was involved. The question was one of *quantum*, and the Court had no right to interfere with the Master's discretion. The summons would be dismissed.

Trade-mark Appeal.—In the Chancery Division on January 16, Mr. Justice Younger heard an appeal by the Standard Woven Fabric Co. from a refusal of the Registrar of Trade-marks to proceed with the registration of the word "Standwell" in Class 40 in respect of all goods included in that class. It was admitted that it was an invented word adopted from the first syllable of the first word of the applicants' manufacturing description, and the first syllable of the town of Walpole, where the goods were manufactured. The objection of the Registrar was that there was a surname of Standwell in the London Directory and a parish of the same name in the British Gazetteer, and that although the words were different from that sought to be registered, there was such a similarity of sound as to be calculated to lead to confusion. His Lordship held that the Registrar had erred on the side of over-caution, and that there was no possibility of confusion. He directed the Registrar to proceed with the registration.

Cocaine Prescription.—Mr. W. S. Adamson, chemist and druggist, Broadway, Ludgate Hill, London, E.C., pleaded guilty, before the Lord Mayor at the Mansion House Police Court on January 10, to a summons charging him with having unlawfully supplied cocaine upon a written prescription of a medical man, undated, unsigned, and without the words "Not to be repeated," as required by the Defence of the Realm regulations. Inspector King, who called at the defendant's shop to inspect the cocaine register, noticed that a prescription which contained cocaine had been made up by the defendant and supplied to a customer, but the prescription was undated, and did not bear the signature of the medical man who had prescribed it. In defence, defendant explained that the prescription in question was made up through inadvertence. It was a country prescription, and intended for a legitimate purpose. As a matter of fact, said defendant, he did very little dispensing, but since the outbreak of war, owing to the dearth of dispensers, prescriptions were sent to him to make up. This breach of the regulations was due to inadvertence, and was in good faith. The Lord Mayor accepted the explanation offered, and imposed a nominal fine of 40*s.*

Prize Court Cases.—Sir Samuel Evans, in the Prize Court, was asked to deal with a quantity of hospital supplies and chemical specifics seized in the passengers' luggage of a woman, her daughter, and her son on the Dutch steamship *Zeelandia*, bound from Amsterdam to New York. Mr. Burroughs, for the Crown, explained that the medicines included twenty packages of salvarsan and eight bottles of novocaine. There were 250 packages of catgut. These were hospital supplies manufactured in Germany, and he suggested the people were smuggling them through to South America. Germany was the sole place for the manufacture of salvarsan before the war. His Lordship: No doubt you know. Have you evidence these were of German origin? Counsel said the passengers admitted to the captain that the supplies came from Germany. Mr. Burroughs added that there were also seized some packages of dental stopping in the possession of the wireless operator, but it would appear that he was taking them back to Buenos Ayres to be changed, as the goods sent were of the wrong kind. The dental stopping appeared to have come from Buenos Ayres. His Lordship said he found the goods were of enemy origin (all except the wireless operator's dental stopping), and he ordered their sale and the detention of the proceeds in court, under the Retaliatory Provisions, until the conclusion of peace. As to the dental stopping, there was not enough evidence for an order.

ACORUS CALAMUS.—A large quantity of sweet-flag rhizome has been harvested from the lake of Shirburn Castle. The aquatic was originally planted by Cardinal Wolsey, so that there might be an ample supply of the leaves for strewing on the floor, the leaves emitting a pleasant smell when crushed.

Associations' Winter Session.

Edinburgh.—The Edinburgh Chemists', Assistants', and Apprentices' Association met at 36 York Place on January 9, Mr. James Adamson (President) in the chair, when Mr. J. D. Robertson gave some interesting reminiscences of his experiences in the wholesale trade, and Mr. J. Rutherford Hill dealt with a further series of back-shop experiments. On the motion of the Chairman a cordial vote of thanks was awarded to Messrs. Robertson and Hill.

Glasgow. — The third monthly meeting of the Glasgow and West of Scotland Chemists' Association was held on January 10, when an interesting lecture was delivered on *Surgical Ligatures, their Manufacture and Preparation*, by Mr. G. F. Merson, F.R.S.E., Ph.C., F.C.S. He said that the use of hardened antiseptic catgut dated only from Lister's day, crude form of ligatures having been in use from as early as B.C. 50. It was only early in last century that animal ligatures came into use, such as strips of chamois leather, untanned buckskin, parchment, tendon, silkworm-gut, etc. It was Lister who overcame the softening and too-ready adsorption of catgut, and suggested a process of hardening it to retard its absorption, modifications of which are in use at the present day. He described the process of selection and preparation of the catgut, and specimens of different kinds of ligatures were exhibited at various stages of their manufacture, as well as silkworm-gut, kangaroo-tendons, horsehair, braided or twisted silk, etc. A hearty vote of thanks was passed to Mr. Merson on the motion of Mr. Murchie (President).

Ipswich.—A meeting of the Ipswich Pharmacists' Association was held on January 15, the President (Mr. G. N. Edwards) in the chair. The question was raised as to the exclusive legal right to the title "chemist" by qualified men; it was strongly felt that on no account should our right to the title be relinquished, and it was decided to request the East Anglian Federation of Pharmaceutical Associations to take up this matter at their February meeting with a view of forwarding an emphatic resolution on this point to the Pharmaceutical Society. Mr. A. Davidson then opened a discussion on various recent Acts and Regulations affecting pharmacists, of which he showed a remarkable grasp.

Liverpool.—The Liverpool Chemists' Association, at the Royal Institution, Liverpool, on January 16, presented their President, Mr. William P. Evans, with a silver lamp, in celebration of his marriage. The presentation was made by the Vice-President, Mr. W. H. Clubb, Ph.C., who, in a felicitous speech, coupled the name of Mrs. Evans (who was present) with that of the President, and went on humorously to suggest that the lamp might be used in searching out pharmacists still outside the Association. Messages of congratulation were read from Mr. W. H. Saunders and other members. The President, in acknowledging the gift, said that his two years' presidency had cemented old friendships and formed new ones. He bespoke a large attendance at the annual meeting. A letter was read from the Pharmaceutical Society stating that pharmaceutical interests were being watched in connection with the proposed Ministry of Health. Mr. Moreton Parry was asked to congratulate Mr. W. J. Uglow Woolcock, Secretary and Registrar of the Pharmaceutical Society, on receiving the Officership of the Order of the British Empire. After an amusing illustrated lecture had been given by Mr. John H. Robinson on *Eccentrics*, the President, in moving a vote of thanks to the lecturer for his shrewd and informing descriptions, said that he looked forward to a British Pharmaceutical Conference at Liverpool.

London (N.).—The first meeting for the New Year of the North London Pharmacists' Association was held at the Progressive Pharmacy Club, Arundel Hotel, W.C., on January 10. A vote of condolence with Mr. Hersant was passed, his son having been killed in action. Reports were received from the Secretary and the Trade Secretary dealing with business matters. Great regret was expressed at the resignation of Mr. Hoarle from the London County Executive owing to war exigencies, and it was agreed that Mr. Wolff shall take up the duties *pro tem.* The Secretary was directed to send a protest to the P.A.T.A. on the short period which was allowed for voting at the recent election, the small poll showing that the matter was not appreciated. Mr. S. W. Woolley, Editor of THE CHEMIST AND DRUGGIST, then read a paper on *Recent Laws and Regulations Affecting the Drug-trade.* Mr. Woolley said he esteemed it an honour to be asked to address the Association, especially as his late chief was an Honorary President of the Association from its foundation. Dealing with the regulations made under the Defence of the Realm Act which affect chemists, it was pointed out that some of the regulations are contradictory. The Narcotic Drugs Order regulates the supply on prescription of opium to persons in uniform, and the Cocaine and Opium Regulation prohibits the dispensing of opium. Cereal starches may not be used for any other purpose than human food except in the manufacture of a substitute for pulv. glycyrrhizæ co., but potato starch can be employed for any purpose. Pamphlets containing notes on the war regulations affecting the drug-trade and a commentary on the Cocaine and Opium Regulation were distributed at the meeting. The second part of the address dealt with the Venereal Disease Act, and numerous samples of venereal remedies were exhibited and the grounds of liability pointed out. A protest was made in regard to the insulting references to chemists, contained in the circulars distributed at the free clinics. The Pharmaceutical Council should see that these aspersions on the drug-trade are removed. The historical method employed in regard to the progress of the Venereal Disease Act through Parliament made it clear that the attempt to read into Section 1 a prohibition of the sale of drugs which can be used for the treatment of venereal disease is unwarranted. A discussion followed, in which Messrs. Wolff, Hearle, Maben, Skinner, Keith, and Kirkpatrick took part; and Mr. Woolley, having replied to the questions raised, was accorded a hearty vote of thanks. It was resolved that the Secretary send a letter of congratulation to Mr. Woolcock (one of the Hon. Presidents of the Association) on the honour recently conferred upon him.

North of Ireland.—A business conference of the North Irish Pharmacists' Association and the Chemists' and Druggists' Society of Ireland was held at 11 Waring Street, Belfast, on January 9. There was a large attendance of members of both Societies. On the motion of Mr. S. Suffern, the chair was taken by Mr. I. W. Nicholl (President of the N.I.P. Association), who was supported by Mr. W. J. Rankin (President of the Chemists' and Druggists' Society). Mr. S. Fleming, Hon. Secretary of the Pricing Committee, reported on early closing and the minimum retail drug-price scheme, showing that 84 per cent. of the trade in Belfast were in favour of an early-closing order. Mr. V. E. Hanna, Secretary of the Dublin Retail Drug Association, the guest of the conference, gave some valuable hints regarding these questions from his experiences in Dublin, and later gave an interesting account of the organisation and growth of the Dublin Association. In the subsequent discussions Messrs. Fleming, Crail, Guiler, Hardy, Dundee, Lancashire, J.P., Culbert, Hewton, Hawthorne, Suffern, Martin, Roberts, and Smith, J.P., took part. A resolution in favour of face-value for patents was passed and directed to be forwarded to the Ulster Drug Trade Association, also a request for initiation of a discussion on dinner-hour closing at the U.D.T.A. annual meeting. Tea was afterwards served.

Salford.—The Salford Pharmacists' Association met on January 10 at 40 The Crescent, the President (Mr. W. F. Cutteford) in the chair. There was a good attendance. A letter was read from Brighton Association *re* protection of patents at face-value, and it was resolved to send a resolution to the P.A.T.A. supporting this. Mr. Fewster was elected a member. Mr. Howarth (chief pricer to Manchester and Salford Joint Pricing Bureau) then gave an interesting paper on the constitution and methods of the Bureau, elucidating many points of interest and advantage to his hearers. The impression created was that the pharmacist was very fairly treated by the Bureau. On the proposition of Mr. Simmons, seconded by Mr. Smith, a vote of thanks was accorded Mr. Howarth for his excellent address.

Almanacs and Calendars.

ARTHUR H. COX & CO., LTD., Brighton, distribute a pocket-diary, $4\frac{1}{4}$ in. by $2\frac{3}{4}$ in., neatly bound in leather, and comprising general reference data and memoranda on the firm's specialities. The almanac has been revised to date, and includes so recent a fact as the capture of Jerusalem.

CARNEGIE BROS., 227-229 Essex Road, London, N. 1, send out a combined diary and blotter, 11 in. by 16 in., suitable for desk or counter. The spacing of the diary, which measures $10\frac{1}{2}$ in. by 4 in., is well planned, and general information of a useful kind is concisely presented.

JAMES TOWNSEND & SONS, Exeter and London, publish a wall-calendar, 5 in. by 5 in., with useful data by way of "fill-up." Paper restrictions have been patriotically observed in the choice of a smaller size and a thinner paper than usual, but without detriment to general appearance.

Birth.

DICKINSON.—On January 9, the wife of Robert J. Dickinson, chemist and druggist, 30 Market Place, Gainsborough, of a daughter.

Marriages.

GREEN — CRAIG. — At St. Barnabas' Church, Dulwich, London, S.E., on January 9, by the Rev. Howard Nixon, Sergeant E. H. Green, dispenser, 4th London General Hospital, R.A.M.C. (T.), to Finella, second daughter of Mr. and Mrs. David Craig, Dundee.

TILSLEY—SYLVESTER.—At St. John's Church, Dore, on January 10, by the Rev. J. A. Kerfoot, Sergeant H. Tilsley, late with Eardley & Furnival, Sheffield, to Doris Victoria, daughter of Mr. and Mrs. Samuel Sylvester, "Llanover," Dore.

Deaths.

CHAMBERLAIN.—At Warrington, recently, Mr. Charles John Chamberlain, drug-store proprietor, Padgate Lane.

HENSHALL.—At 88 St. John's Road, Waterloo, Liverpool, on December 31, 1917, Mr. James Henshall, chemist and druggist, aged eighty-two. Mr. Henshall was in business before August 1, 1868.

HIGGINS.—Recently, Mr. William H. Higgins, for about forty years dispenser at the Royal Infirmary, Chester.

SAVAGE.—At 14 Kingsley Road, Wimbledon, London, S.W., on January 9, suddenly, Mr. George Savage, aged sixty-three. Mr. Savage was for upwards of forty years manager of the country despatch department of Sangers, Euston Road, N.W., where the news of his death has been received with deep regret.

SCHWEITZER.—At 410 Riverside Drive, New York, on December 23, 1917, of pneumonia, Dr. Hugo Schweitzer, aged fifty-six. Dr. Schweitzer went to America from Germany at the age of twenty-eight, and was naturalised. He was for some years Secretary of the New York Section of the Society of Chemical Industry, and was head of the Synthetic Patents Co. He was at one time held in high esteem for his professional and organising ability, but had latterly identified himself with propaganda work on behalf of the country of his origin.

SOWDEN.—Recently, Mrs. Sowden, widow of the late Samuel Sowden, chemist and druggist, Bradford, aged sixty-four.

THOMAS.—At Llanfairpwll, Anglesea, on January 8, Mr. John Shadrach Thomas, chemist and druggist, aged sixty. Mr. Thomas, who qualified in 1888, had of late been suffering from delusions, and was found killed on the local railway. A verdict of "Suicide during temporary insanity" was returned at the inquest.

TIMOTHY.—At Bracknell, on December 31, 1917, Mr. Thomas Norris Timothy, chemist and druggist, aged ninety-six.

WEAVER.—At Grove Avenue, Yeovil, on January 3, Mr. Theophilus Weaver, chemist and druggist, aged seventy-four.

WOODCOCK.—At 30 Dover Road, South Wanstead, London, E. 12, on January 5, Mr. Reginald Cowdell Woodcock, F.I.C., F.C.S., aged sixty-six. Mr. Woodcock was the author of numerous scientific monographs, among which was one written in collaboration with Mr. C. T. Kingzett, F.I.C., F.C.S. (The "Sanitas" Co., Ltd.), and communicated to the British Pharmaceutical Conference of 1910, on "Bacteriological Testings of Certain Disinfectants and the Results as Affected by Varying Conditions."

Died on Service.

BIRSE.—Corporal James C. Birse, Canadian Expeditionary Force, was killed in action on November 5, 1917, aged thirty-three. Prior to joining the Forces he was with J. F. Macfarlan & Co., London and Edinburgh, and Mackay, McCort & Co., Edinburgh.

DALEY.—Private Harry Daley has been killed in action. Prior to joining the Colours he was in the cashier's department of C. E. Fulford, Ltd., Carlton Hill, Leeds.

HARRIS.—Signaller Frank Harris, Somerset Light Infantry, has fallen in action. He was for three years with Boots, Ltd., at Union Street, Bath.

LANE.—On December 29, after three years' service in France, Salonika, Egypt, and Palestine, Lieutenant Maurice Lane, London Regiment, the third and youngest son of the late Mr. Charles Lane, Idol Lane, London, E.C., and of Mrs. Lane, "Tugela," Beckenham. Lieutenant Lane was with the Territorial Force when war was declared, and volunteered for foreign service. After an engagement at Loos, he received the Military Medal, and was gazetted to a commission in his own battalion.

MACGREGOR.—Private John MacGregor, Royal Field Artillery, has been killed in action, aged twenty-one. In civil life he was with Mr. David Mason, chemist and druggist, Raeburn Place, Edinburgh.

MACVEAGH.—Lieutenant W. J. MacVeagh, Royal Munster Fusiliers, was killed in action in Palestine on December 28, 1917. Lieutenant MacVeagh, who at the outbreak of war was an assistant with his cousin, Mr. W. P. Doohan, Ph.C., Main Street, Bangor, co. Down, enlisted in October 1914, and was gazetted to a commission in the Munsters in March 1915. He saw service at Salonika and in Egypt, and was wounded three times.

PARSONS.—Lance-Corporal Henry Parsons, East Kent Regiment (Buffs), has died of wounds received in action. For five years prior to enlistment he was with Mr. George Head, chemist and druggist, Deal.

SIMMONS.—Private John Simmons, Lancashire Fusiliers, has been killed in action in France. Prior to enlistment he was with Joseph Anderson & Sons, Ltd., manufacturing chemists, Bank Street, Clayton, Manchester, and had since taken part in the Suvla Bay landing.

YOUNG.—Lance-Corporal William Young, Black Watch (Royal Highlanders), has been killed on service. Prior to joining the Forces he was apprenticed to Mr. James Bisset, chemist and druggist, Tayport.

Personalities.

MR. W. A. BRASSARD, president of the A. Brassard Co., Inc., chemical and dye makers, New York, is now on a visit to this country, and may be seen by appointment at the offices of the Fabra Co., Ltd., Minories, E.

TWO MEMBERS of Burroughs Wellcome & Co.'s Sydney staff, Mr. C. Flaus and Mr. F. B. Fairley, having recently completed twenty-one years' service with the firm, have been presented with silver watches to commemorate the occasion.

COLONEL T. H. J. C. GOODWIN, R.A.M.C., takes up on March 1 the duties of Director-General of Army Medical Services in place of Surgeon-General Sir Alfred Keogh, who has resumed his position as General Executive Officer to the Imperial College of Science and Technology.

MR. W. H. MCCALLUM, who for the last eight years has acted as manager at the Plough Court pharmacy of Allen & Hanburys, Ltd., has been transferred to the Vere Street branch to act in a similar capacity there. Mr. W. H. Johnstone, who for six years past has been an assistant at Vere Street, has succeeded Mr. McCallum as manager at Plough Court.

THE ORDER OF THE BRITISH EMPIRE has been conferred on two ladies with ties in pharmacy, both of whom have been made members—Mrs. Ellis, wife of Mr. T. W. Ellis, chemist and druggist, Brereton Avenue, New Cleethorpes, and Miss E. H. Taylor, sister of Mr. R. H. Taylor, Phœnix Drug Stores, Mill Street, Liverpool. Mrs. Ellis has for nearly three years acted as Commandant of a V.A.D. hospital, and Miss Taylor is at the Ministry of National Service.

THE THREE SONS of the late Mr. F. S. Grimwade who are partners in Felton, Grimwade & Co., Melbourne (Norton Grimwade, Brigadier-General Harold Grimwade on active service, and Russell Grimwade), with the fourth brother, Dr. Sheppard Grimwade, have presented to the Church of England Grammar School, Melbourne (for educational purposes) "Harleston," which has been the family home since 1875. It is described as a large two-storey house, standing in eight acres of ground. It will probably be used as a boarding-house for the preparatory school. This was given as a memorial of their parents, both of whom were interested in Church work. The late Mr. F. S. Grimwade founded a scholarship at the Grammar School by a gift of 500*l.*, and was a constant benefactor of the school. All four donors have been pupils of the school.

DURING 1916 the imports of drugs and medicines into Jamaica from the United Kingdom were valued at 16,165*l.*, and those from the United States at 23,645*l.*

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," December 12, 1917.)

Monogram "G.P.C.C." in diamond device; for all goods (42). By Grain & Produce Control Co., 28 Chapel Street, Liverpool. 379,386.

"HARDAN"; for food-substances (42). By Harrod's Stores, Ltd., Brompton Road, S.W. 1. 379,825.

"TURTLEKON"; for food-substances (42). By The Watford Manufacturing Co., Ltd., Watford Herts. 380,378.

"ORELIA"; for perfumery, etc. (48). By L. Mirener, 48 Cranhurst Road, Cricklewood, N.W. 2. 378,923.

Device including words "GOODWIN'S 'FRIENDLY' SOAP" and picture of man with towel, "SWING TOILET SOAP" and picture of children swinging; for soap (48). By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester. 379,495/820. (Associated.)

"CARINA"; for perfumery, etc. (48). By S. W. Lane, 20 Little Portland Street, W. 1. 379,964.

"AMORELLA"; for perfumery, etc. (48). By National Chemical Works, Ltd., 2 Stanley Road, Acton, W. 3. 380,156.

"CLAROCIT"; for a composition to prevent condensation on glass (50). By P. Talbot, 15 Belgrave Road, S.W. 1. 380,096.

(From "The Trade-marks Journal," December 19, 1917.)

"NOSKALE" and arrow device ("Noskale" disclaimed); for a chemical for the preservation of metal surfaces (1). By Brit-Alba, Ltd., 2 and 3 Norfolk Street, Strand, W.C. 2. 379,996.

"SALOMA BRAND OPHTHALMIC OINTMENT"; for medicated ointment (3). By A. Brodie, 17 Hanover Square, W. 1. 377,806.

"CALIFORNIA SYRUP OF FIGS" and device for syrup of figs (3). By California Fig Syrup Co., 392 Church Street, San Francisco. 379,057. (Associated.)

"EMDOIN BRAND COUGH MIXTURE"; for medicinal chemicals (3). By Coulson & Murray, 28 Gracechurch Street, E.C. 3. 379,810. (Associated.)

"ENT NERVE POWDERS" on cartridge-shaped device; for medicines (3). By W. E. Partridge, 431 Gloucester Road, Horfield, Bristol. 380,429.

Circular device including words "TAYLOR'S T PILLS" and facsimile signature ("Taylor's" and "T" disclaimed); for pills (3). By W. Taylor, 9 West Clyde Street, Helensburgh. 380,067.

"RUMOUR"; for pharmaceutical chemicals (3). By E. Wade Wilton & Son, Planet Works, Bramley. 380,440.

"BYTHOLEUM BRAND NERVE REMEDY"; for medicinal chemicals (3). By W. Belcher, 95 New Bond Street, W. 1. 380,516.

"SNOCREEM"; for an ingredient for aërating bread (42). By Perry & Hope, Ltd., Thornliebank Road, Nitshill, near Glasgow. 379,263.

"PANKENE" and "PANKEN"; for food-substances (42). By A. Bird & Sons, Ltd., High Street, Deritend, Birmingham. 379,582. (Associated.)

"CALUMET"; for all goods (42). By H. A. Lane & Co., Ltd., 59 Tooley Street, S.E. 1. 380,233. (Associated.)

"RADIEAU" and "BUXTEAU"; for table-waters (44). By A. Rollason, 31 Station Street, Nottingham. 380,085/153.

"SIRIS" and Fleur-de-Lys device; for mineral waters, etc. (44). By A. J. Caley & Son, Ltd., Chapel Field, Norwich. 380,254. (Associated.)

"PEDESAN"; for perfumery, etc. (48). By S. F. Body, 167 High Street, Southend-on-Sea. 376,472.

"TOM THUMB"; for perfumery, etc. (48). By A. Finlay, Ltd. Victoria Square, Belfast. 378,876. (Associated.)

"MERCOLIZADA"; for perfumery, etc. (48). By Dearborn, Ltd., 37 Gray's Inn Road, W.C. 1. 379,446. (Associated.)

"ACQUA ROMANA (EAU DE COLOGNE)" and picture of St. Peter's, Rome; for Eau de Cologne made in Rome (48). By G. V. de Luca, 19 and 20 West Smithfield, E.C. 1. 380,120. (Associated.)

"D'ANTAN," for perfumery, etc. (48); "PYROTABS" and "PYROIDS," for artificial fuel (50). By The Standard Tablet Co., Ltd., Hove. 380,306, 380,221/220. (Associated.)

Facsimile signature "C. XIPPAS"; for an automatic self-feeding shaving-brush (50). By C. Xippas, Maison Spiro, Sharia Kasr el Nil, Cairo. 380,281.

(From "The Trade-marks Journal," January 2, 1918.)

"CEFCO"; for all goods (1). By C. Fowler & Co., Ltd., 22 Barry Street, Sunbridge Road, Bradford. 380,354.

"PEPRENEL"; for all goods (1). By C. Chancellor & Co., Ltd., 34 St. Andrew Road, Walthamstow, E. 17. 380,476.

"ASPILAC"; for all goods (1 and 2). By Aspinall's Enamel, Ltd., 25 Goodwood Road, New Cross, S.E. 14. 380,587/8.

"PHENEUX"; for disinfectants (2). By Wrigleys, 23 Goodwood Road, New Cross, S.E. 14. 380,372.

"GENATOSAN LIMITED" and foreign characters surrounding device of white-bearded man and stag; "GENALAC BRAND LACTIC ACID," for medicinal chemicals (3). By Genatosan, Ltd., 12 Chenies Street, W.C. 1. 378,884; 379,852. (Associated.)

"WIMMIE"; for headache powders, medicinal salts, and corn-plasters (3). By J. W. Freeman, 12A Park Row, Eagley Bank, Bolton. 380,164.

"THERMOPLAS"; for medicinal chemicals (3). By B. C. Tipper & Son, 43 and 45 Homer Street, Balsall Heath, Birmingham. 380,250. (Associated.)

"HEDERY BRAND HEADACHE POWDERS"; for headache powders (3). By R. Kego, 287 Stonelaw Road, Burnside, Glasgow. 380,556.

"LES HESPERIDEES"; for raw materials used in perfumery, etc. (4). By Les Hespéridées (Société Anonyme), 25 Rue de Clichy, Paris. 380,033.

Trade Notes.

LOMBIO REMEDIES have advanced in price. The altered prices, wholesale and retail, are given in an advertisement in this issue.

CORVUSINE D.G. should be ordered in good time owing to transit difficulties. It is the product of Hawker & Botwood, Ltd., 59 Mark Lane, London, E.C. 3.

PRIZE COURT SALES.—The Admiralty Marshal is prepared to receive tenders for chemical products taken in prize. Particulars are given in an advertisement in this issue.

PHOTOGRAPHIC DEVELOPERS.—The British Synthos Products Co., 48 Junction Road, South Croydon, are offering paramidophenol hydrochlor. and metol, both British made.

PRICE'S PATENT CANDLE CO., LTD., are issuing a showcard, 11¾ in. by 9¼ in., advertising their "Court Bouquet" soap. The colour-scheme is distinctive and tasteful, while the simplicity of the design is an attractive feature.

A TRADE JUBILEE.—Ayrton, Saunders & Co., Ltd., Liverpool, in their advertisement in this issue, refer to the fifty years' service they have offered the drug-trade. This service covers the whole of the goods handled by chemists.

VENO'S COUGH-CURE.—The Veno Drug Co., Ltd., Veno Buildings, Manchester, inform us that there is no shortage of Veno's Lightning Cough-cure. Any delay in delivery is due solely to transport difficulties, so that chemists are advised to order their requirements well ahead.

THE WELLCOME PHOTOGRAPHIC EXPOSURE RECORD AND DIARY, 1918, has been published this week by Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C. 1. The features of the book are maintained, and it is produced with the usual green linen cover. The two illustrations in the book are charmingly reproduced war-pictures, which for technical excellence set a high ideal before those who use the book. The various photographic products of the firm are enumerated, and full directions given as to their employment. The Diary is much in demand for presentation-purposes. Chemists should make a show of the book so as to remind photographers that it is time to buy the new edition.

A THYMOL CONSIGNMENT.—Smith, Stanistreet & Co., 9 Dalhousie Square, Calcutta, send us the accompanying photograph of packages of thymol which were despatched

to London and New York buyers at the end of last year. The pile represents 1,416 lb. of thymol for London and 500 lb. for New York. The firm are the sole selling agents for the Dixen Chemical Co., who are making the thymol in India from ajowan-seed.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

236/40. Spence & Sons (makers of Soothers): address.

237/43. "Auralon" (Kirk, Croydon).

INFORMATION SUPPLIED.

Coty's perfumes, 197/38
Cowan's vaccination-shields, 197/37
Dorin of Paris (London agents), 168/59
Horsford's acid phosphates, 144/55
Jay Mack's ledger, 238/33
"Marylebone" cream, 161/42
Medicine chests, 225/62
Multiple garden-foods, 231/21
Paraffin wax, 210/15
"Paralax," 196/23
"Sozodont," 228/58
Spencer Wells Artery Forceps, 224/27

Observations and Reflections.

By Xrayser II.

The Charter of the Pharmaceutical Society, I said recently, had as one of its objects "the protection of those who carry on the business of chemists and druggists," and I interpreted this as equivalent to the protection of the business. Mr. Humphrey now tells us in "The Script" that this is a mistake; the Society was formed to protect, not the business, but the individuals engaged in it. The distinction is too fine for my apprehension, but let us see what the founders of the Society themselves say on the subject. The Committee of the trade formed in February 1841 gave as the reason for their action an attempt that was being made "to injure the interests of chemists and druggists"; the first report of the Committee of the Society itself insisted upon "the necessity of establishing an Association for the purpose of protecting their interests"; and the first Address of the Council, while deprecating the protection of pharmacy "*merely* as a trade" (I transpose the italics here) declared that the position acquired by individual pharmacists demanded the safeguarding of pharmacists as "*a body*" (italics in the original). Now, surely the interests of chemists and druggists, being their interests as men in business, are inseparable from the business itself; are, in fact, the interests of the business; and, as surely, the protection of the body is something more than protection of the individuals composing it. I quite agree that the Society has never succeeded in its attempts to protect the trade, has developed on different lines, and finally proved itself incapable of doing what it set out to do. But this, so far from weakening the case for a trade-union, is the strongest of all arguments in its favour. Has not the Society failed us: is it not time to try something else?

Mr. Parry may be an authority on cock-fighting, but I cannot accept his account of the origin of the term flapdoodle, in which flap has no more reference to that sport than it has in flapdragon. In both cases it is quite arbitrary, and in both it is probably due to the same phonetic impulse. Be this as it may, flapdoodle means simply nonsense, or sometimes, more specifically, maudlin nonsense, "the stuff that fools are fed on," as O'Brien says in "Peter Simple." It is said by Halliwell to be of Western origin, but the fact that Marryat puts it into the mouth of an Irishman points to our sister island as its natural habitat. In any case Mr. Parry's explanation of its meaning is as unsound as his use of it either in that or its proper sense was uncalled for.

In the Face of Such Pretensions as are put forth in the report of the Provisional Society of British Chemists noticed in your last week's issue, any further negotiations with any Chemical Association ought to be declined, except with the preliminary understanding that on no terms whatever will we even consider the abandonment of the title "chemist." This prospective Association (for it seems as yet to be nothing more, though something like 700 "chemists" attended the inaugural meeting) excludes from its membership the vast majority of those who alone have a legally protected right to call themselves chemists; it aspires "to act as the sole registration authority for all chemists," and one of its objects is to obtain "a legal definition of the word 'chemist'"—already legally defined by the Pharmacy Act of 1868. To deprive us absolutely of a distinction we have enjoyed for half a century without challenge, our claim to which goes back a century or two further still (for if we are not chemists we are not chemists and druggists), thus becomes the avowed object of the "professional chemists," and even to discuss such a surrender with them is to play the traitor to our own cause. You do right to point out the monetary cost it would involve, but that is the least of the reasons for rejecting it. It is not a question of money, but of right. We might, for a consideration, consent to the use of the title by other bodies concurrently with ourselves, but only with qualifying terms, and in no degree in prejudice of our own right.

The Liquor Plumbi Difficulty on which "E. G." seeks enlightenment, if it exists, is not a new one. Under one name or other we have had two official solutions of lead since 1791 at least. Goulard's *Extractum Saturni* is the original of both. In Latham's edition of Healde's translation of the P.L. of 1788 this appears as *Aqua Lithargyri Acetati*, with a note to the effect that its popularity was due to "the empirical recommendations of a foreigner." It appears (though I have not traced it) to have been included in some previous Dispensatory, since we are told that the Committee of the last previous one omitted it on account of the danger attending its use. Along with it, as I have indicated, appears in the book of 1791 an *Aqua Lithargyri Acetatis Composita*, which is our *Liquor Plumbi Subacetatis Dilutus*. The name *Liquor Plumbi*, as applied to these preparations, dates from 1809. It cannot, I should say, often happen that the prescriber's intention is doubtful; when it is, he should be asked to explain it.

The Buckbean (*Menyanthes trifoliata*) is a plant which acquired somewhat suddenly such a reputation in medicine as won for it a place in our Pharmacopœia, which it lost again as suddenly about a century later. Writing in 1718, Quincy says of it, "Its use in Shop-Compositions is not known, nor is likely to be," adding the surely prejudiced reason that doctors prefer less well-known remedies "capable of those mysterious Appellations" necessary to "a Nostrum"; and Rennie, in 1837, declares that the suggestion to banish it from the Pharmacopœia might as well have been made of gentian or any other bitter. But banished it was in 1851, and it has never been restored. The purpose of this note is to suggest that it might be worth renewed attention in the present depleted condition of our materia medica. Few simples have had a longer list of virtues credited to them by respectable writers, and I happened the other day upon one which is new to me. Mary Russell Mitford, writing to Elizabeth Barrett (afterwards Mrs. Browning) in 1842, says that she had just been making an eight-mile excursion in search of this "rare plant," only to find, when she discovered a marshy place full of it, that all the blooms had been gathered for the "London druggists," on account of their being a "celebrated remedy" for erysipelas. Formerly its chief uses were for coughs and chest-affections, scrofula, and scurvy, though it was also employed externally in some skin-diseases. The old "buckbean" (more properly buck's bean) seems to be the plant's true name, not the later "bog bean."

The Irregularity in Keats's Qualification as an apothecary, to which I was, I believe, the first to call attention, has since been pointed out by Mr. C. C. Bell in "The Times" in such a way as to suggest to Mr. Wale, formerly Wills Librarian at Guy's Hospital, that the fact of Keats having qualified is in question, which surely Mr. Bell cannot have intended. There is no doubt of the fact, but Mr. Wale admits the irregularity, and, indeed, exaggerates it by making Keats some six months younger than he actually was at the time. Such irregularities may, he adds, happen at the present time, and he refers to one similar case within his own knowledge. This is worth noting in view of the agitation for the admission of apothecaries' assistants to our ranks, as it indicates a want of care on the part of the Apothecaries' Society in granting certificates of qualification.

THE YEAR'S FOREIGN TRADE.—The Board of Trade Returns show that the imports for December amounted to 84,796,500*l.*, compared with 75,831,300*l.* for December 1916, an increase of 9,415,200*l.*; exports declined 2,787,900*l.* to 37,140,500*l.* For the whole year the exports were 1,065,256,400*l.*, or 116,749,900*l.* more than 1916 and 21,363,000*l.* more than 1915. Re-exports for the year were 525,309,000*l.*, an advance of 19,029,300*l.* over 1916, and 140,440,500*l.* over 1915.

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An announcement of particular interest to you appears in this issue on page 6.

PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

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Editorial Articles.

Drug-stocks Declaration.

In our issue of last week (p. 34) we gave in full the schedule of drugs and chemicals which under an Army Council Order published in the "London Gazette" of January 8 have to be declared to the Director of Army Contracts. In the *communiqué* issued by the Secretary of the War Office last week the information is asked for from "all manufacturers of or dealers in the drugs and chemicals." This would appear not to include drug and chemical brokers, as they are not supposed to be dealers; but the Army Council Order, which we print below, employs a different expression.

War Office,
3rd January, 1918.

ARMY COUNCIL ORDER.

THE DRUGS AND CHEMICALS (RETURNS) ORDER, 1918.

In pursuance of the powers conferred on them by the Defence of the Realm Regulations, the Army Council hereby order as follows:

(1) All persons engaged in the manufacture or sale of drugs or chemicals of any description are hereby required to furnish such particulars as to their business as may be required by or on behalf of the Director of Army Contracts, verified in such manner as may be directed by him or on his behalf.

(2) This Order may be cited as the Drugs and Chemicals (Returns) Order, 1918.

By Order of the Army Council,
R. H. Brade.

The drug and chemical trades are invited to apply to the Director of Army Contracts (Room 274), Imperial House,

Tothill Street, Westminster, S.W. 1, for copies of the schedule, but they may, if they prefer it, type out the schedule for themselves and use that copy. A wholesale house has informed us that the printed schedules do not appear to be ready yet. In its entirety the schedule consists of five columns:

1. Name of drug or chemical.
2. Stock on December 31, 1917.
3. Minimum stock below which no return of stock is to be made.
4. Quantity sold or used in course of business during 1917.
5. Minimum consumption during 1917 below which no return of consumption is to be made.

The schedule has been drawn up, we understand, under expert advice, and covers most drugs and chemicals in common use. The explanation sent out by the War Office, and which was printed last week (p. 34), limits the returns to the drugs themselves, but includes powdered drugs and compressed tablets where the tablet consists of the drug *per se*. Cascara tablets being made from the extract are not included in the Order, neither are other galenical preparations. The wording of the Order should be taken literally, by which we mean that it is not the declaration of all stocks of the drugs held by everyone that is asked for, but only those held by certain people. A manufacturing house may, for example, hold a large stock of particular drugs which are used in the manufacture of a compound. Such persons are neither manufacturers of drugs or chemicals nor do they sell them in the unmanufactured state. We cannot say what the next step of the Army Council is, but it will enable them to see what stocks are in existence, and where any shortage exists action can, if necessary, be taken to secure supplies, and to ration these among the Allies. It would seem, however, that there is room for more co-ordination between the different Government Departments, as regular returns have already to be made of several of the drugs included in the latest Order. The compilation of these returns involves the diversion of skilled labour from the urgent demands which are made upon wholesalers, at a time when unnecessary duplication of work should be avoided.

The Trade-marks Bill.

SINCE this Bill was introduced at the end of November it has made no further progress in the House of Commons. As the House reassembled this week the second reading may be expected, when Sir Arthur Stanley, President of the Board of Trade, will explain the provisions of the Bill. Meanwhile a good deal of criticism of the Bill is taking place in commercial circles, Clause 7 being one which is receiving the most attention. The clause is of great importance to all owners of word-marks as it goes to the root of the practice of using trade-marks. The use of registered words as the names of articles, particularly for chemical substances, has become so general that many people forget that this usage is held to be improper in a trade-mark sense—distinguishing the goods of a particular manufacturer. Clause 7 provides that, notwithstanding Section 41 of the principal Act, marks may be removed from the register on the application of aggrieved persons if the marks are used by the proprietors as the names of articles. Also, after the expiration of four years, marks may be removed from the register if used as names of articles by the public, but may be relegated to Part B of the register if the owner shows that he has taken steps to cause the mark to be used solely for the purpose of distinguishing his goods from those of other makers. It is held by many authorities that it is not fair that property in trade-marks should be imperilled by the way the marks are used by the public. As is well known, we have urged that the names of articles which have been the subject of patents should be removed from the trade-marks register, but this is a much narrower proposition than that contained in the Bill. Moreover, so far as we can see, the provisions for relegating the names of patented articles to Register B are inadequate. The removal to Register B of many of such marks would be beneficial to the commercial world, but the remedy does not lie in a class distinction unless it is made incumbent upon the proprietor of the mark. The dependence upon the action of "an aggrieved person" will leave practically undisturbed the marks which the Bill is primarily intended to regulate. In most cases it is a difficult matter to find "an aggrieved person" willing to sacrifice time and money without deriving personal benefit from such action. Those who would benefit would be the members of the trade concerned who did nothing. Another kind of aggrieved person would arise in applicants for the registration of a word resembling one already registered which has, in equity, fallen into the public domain. In such a case the proprietor of the registered mark would probably consent to the registration of the somewhat similar word rather than permit the "aggrieved person" to take action to remove the obstructive mark from the register. The theoretically excellent provisions for disposing of the obstruction would thus result in no practical effect.

Constructive criticisms designed to create a more practical measure out of the Bill are welcome at this stage. The problem is how to dispose of trade-mark claims which are not in the public interest, such as the names of patented substances. We may find an analogy in the Patent Law which will help to a fair solution. Section 7 (4) of the Patents Act, 1907, provides that upon an official search for anticipations through fifty years of specifications the Comptroller may make reference by way of public notice to previously granted patents which appear, to some degree, to anticipate the invention. The establishment of a register of trade-marks which are substance-names associated with patents (Register B) would be analogous. This could be done by the introduction of a clause into the present Bill requiring owners of word-marks to file a form of declaration at the Patent Office stating (*a*) the mark, (*b*) its number and class of merchandise, (*c*) whether or not it is used as the name of any substance or thing manufactured under an existing or expired patent, (*d*) the number and year of the patent referred to, (*e*) whether or not the proprietor is willing for the mark to be transferred to Register B. The Registrar should further be empowered to call the proprietor in cases where it appears to the Registrar that unwillingness to effect the transfer is an injustice to the public, and after hearing the proprietor the Registrar should be empowered to act in the matter as if, under the new Bill, the proceedings had been instituted by an "aggrieved person." There are so many marks "wrongly remaining on the register" which act as a hindrance to commerce that the trade-conserving powers of the Board of Trade require special authority in the matter of trade-mark registration. Where no declaration is filed—and this would often occur—they should be transferred to Register B until the Registrar has been satisfied that it would not be just for them to remain either as "A" or "B" register marks. Where a declaration acknowledges the word trade-mark to be the name of a substance or thing made under an existing patent the mark should be at once transferred to Register B, for the duration of the patent may be a short or long period, but not exceeding fourteen years (or fifteen years by the new Patent Bill), and during the existence of the patent-rights Register B would answer all necessary purposes of trade-mark registration for such names. If it became obligatory for each owner of a word trade-mark to make such a declaration as is suggested, a valuable nucleus would be established for Register B created on a good foundation, and matters in the present Bill of a more contentious nature could be left over until after the great clearance which would result from such a provision. As the matter arises out of war emergencies, the expense to the proprietor should be quite nominal. The declarations could be free of stamp-tax by virtue of an existing statute. The particulars filed should be open to inspection, and re-advertisement of the mark itself should be made as the subject of transfer only.

Reconstruction Problems.

V.—Education (*concluded*).

SINCE the last two articles of this series were written the Pharmaceutical Council has turned its attention to the subject of education. The President stated at the Council-meeting last week, in regard to a curriculum, that "he would be sorry to go out of office without initiating a definite scheme." This is a laudable desire, but the proposal to frame by-laws first seems to us to be reversing the correct order of things. What is needed is the appointment of a Committee of experts on pharmaceutical education, on the lines we recommended last week, to devise an educational scheme in the light of the reasonable requirements of the drug-trade. The proposal to frame by-laws making a six-months' course of study compulsory shows a want of appreciation of the whole matter, and that the proposer is entirely out of touch with the retail trade. If it is the President's intention to rush through such an ill-digested scheme, it would be better for chemists if he would resign office at once, and not emulate Samson by pulling down the whole edifice when he retires from the presidency. The previous two articles outlined a scheme for turning the requirements of the National Education Bill to the advantage of pharmaceutical students, dividing the qualifying examination and granting the assistants' certificate. The second part of the qualifying examination would consist of the technical subjects of the chemists' business—materia medica, pharmacy, dispensing, prescription-reading, poison law, and the chemistry of the British Pharmacopœia. The requirements for the examination would be certificates of having received instruction for a definite number of hours' work or having taken certain lectures in these subjects, allowance being made for the certificates in technical subjects, if any, that were presented for the assistants' examination. The instruction would be obtained partly in the pharmacy and partly at approved schools of pharmacy. Qualified chemists, for example, could certify as to the time spent in dispensing by candidates who would have been apprenticed with them. There is now no difficulty in obtaining experience in dispensing in every chemist's shop in the land. The study of the British Pharmacopœia is a comprehensive subject, and with a thorough knowledge of the contents of that work a person is well equipped to carry on the business of a chemist and druggist. As the first part, or assistant's examination, would have been taken at the age of eighteen, it would seem that two years would be sufficient in which to acquire a knowledge of the subjects for the second part, or qualifying examination. We suggest, therefore, that a candidate be allowed to take the last-named examination at twenty years of age, as we consider that early qualification would encourage the chemist of the future to go on for the honours examination, which should take the place of the present Major examination. The course for the honours examination should include subjects that would fit those who pass it to undertake analytical and bacteriological work. The certificate for those who pass this examination should state definitely that the owner is qualified in analytical chemistry and bacteriology. It might be possible to frame the courses in analytical chemistry and bacteriology so that the certificates could be accepted for the corresponding requirements of the curriculum of other bodies, such as the Institute of Chemistry, but the educational interests of the drug-trade must be considered first by the Pharmaceutical Council. We should like the officials henceforth to harp a little less on the so-called loyalty to the Pharmaceutical Society—which nowadays only means taking without question what is offered by the officials—and to develop an enthusiasm for reconstructing the educational fabric of pharmacy, so as to ensure that in future aspirants are thoroughly well equipped to serve the public in the dispensing of medicines and the sale of poisons. The priggish sentiment of endeavouring to preserve pharmacy for the select must be dropped, and the fact borne in mind that the prime requirements are brains and business ability.

Insurance Dispensing Difficulties.

III. Glycerin and Syrup.

THOUGH the use of neither glycerin nor sugar is actually prohibited for medicinal purposes, it is desirable that every care should be taken to minimise their use in this direction. With this object in view, the General Medical Council last July took the unusual step of formally withdrawing from the British Pharmacopœia a number of preparations containing glycerin or sugar, and in November the Clerks to Insurance Committees were informed by the National Health Insurance Commissioners of the necessity of taking steps to avoid doubts as to the interpretation to be placed upon prescriptions relating to the preparations so withdrawn. It was pointed out that the British Medical Association and the Pharmaceutical Society had sent to Panel and Pharmaceutical Committees a joint letter in which they advocated the general employment as substitutes for the withdrawn preparations and certain others of so-called "W.E.F." preparations, containing diluted glucose or tragacanth-thickened chloroform-water in place of glycerin or syrup. With regard to prescriptions for "I.C." (stock) mixtures containing any of the withdrawn preparations, a revised list of such mixtures prepared where necessary with "W.E.F." substitutes had been agreed upon; but it would be desirable to have an understanding between Panel and Pharmaceutical Committees as to the interpretation to be placed on prescriptions for local Formulary mixtures, etc., containing the withdrawn preparations, and on any other prescriptions relating to the withdrawn preparations. The Commissioners directed that any understanding arrived at in the matter should be communicated formally to the individual doctors and chemists by the Insurance Committees; and it is useful to emphasise the point that they urged the necessity of proceeding in each area in accordance with the arrangements agreed upon locally, because in one instance to which our attention has been directed the doctors and chemists appear to have been notified by the Insurance Committee of arrangements made without prior agreement between the Panel and Pharmaceutical Committees. Generally speaking, the arrangements made throughout the country provide for the pricing of agreed preparations containing "W.E.F." substitutes for glycerin and sugar, unless the unaltered preparations are specifically indicated by prescribers. Different methods of attaining the desired result have been adopted in different areas, and it seems unfortunate that the National Health Insurance Commissioners are not empowered to enforce uniformity of procedure in this as in similar respects. It is also regrettable that lack of consideration for chemists should have been shown in directing, as is understood to be the case, that "W.E.F." preparations are to be priced for as a matter of course in December scripts, and a plea might not unreasonably be urged for postponement in this respect. The question remains as to the position of glycerin and syrup when ordered in prescriptions otherwise than in preparations affected by any local agreement regarding "W.E.F." substitutes. Neither glycerin nor syrup has been withdrawn from the British Pharmacopœia, and in any area where the Insurance Committee continues to regard these as "proper" drugs and medicines it will be necessary for Pricing Offices to continue to allow and price for what is actually ordered by the doctor, subject, of course, to any modification that the Insurance Committee may see fit to enforce in the manner of prescribing the articles. The important point is that, where glycerin or syrup is properly prescribed and dispensed, the chemist is entitled to be paid for it at current rates, unless there has been prior notification from the Insurance Committee to both doctor and chemist that the article will in no circumstances be allowed.

LICENCES TO USE GERMAN-OWNED PATENTS in the United States require that German drugs to be produced should be given a new or American name, so that after the war German producers may not reap the benefits of the trade which may have been built up.

Pharmaceutical Society of Ireland.

Council-meeting.

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on January 8, Mr. James Michie (President) in the chair. The following members were also present: Messrs. G. D. Beggs, J.P. (Hon. Treasurer), Victor E. Hanna, G. A. McLean Lee, Thomas N. Moffitt, A. Owen Wells, W. F. Wells, Dr. A. J. Barnes, and Dr. J. A. Walsh.

GOOD WISHES.

The PRESIDENT offered the members his best wishes for a happy and prosperous New Year, and expressed the hope that peace might prevail before the end of the year.

DEATHS.

On the proposition of the PRESIDENT, a vote of condolence was sent to Mr. Bowden, on the death of his eldest son.

The PRESIDENT then referred to the death of a former member of the Council, Captain William Vincent Johnston, R.A.M.C. He said the late Captain Johnston had been a member of the Council for some years, and had taken a very active interest in the affairs of the Pharmaceutical Society. He gave up his seat on the Council to follow the profession of medicine, and he became duly qualified as a doctor. But he did not give up his interest in pharmacy, and he became one of the Society's Examiners. A vote of condolence was ordered to be sent to Mrs. Johnston and family.

APPOINTMENT OF EXAMINER APPROVED.

The Registrar submitted a letter from the Privy Council Office, transmitting copies of an Order in Council approving of the appointment of Dr. Henry Hunt, M.P.S.I., as Examiner to conduct the materia medica and botany division of the Pharmaceutical Licence examination.

The Registrar submitted a letter of thanks from Dr. Henry Hunt.

PRELIMINARY REGISTRATION.

Mr. Philip S. Berrells wrote submitting a certificate stating that he had passed the Matriculation examination of the National University of Ireland in the necessary subjects, and desiring Preliminary registration. His application was granted.

CHANGES OF ADDRESS.

Mr. F. W. Brittain, Ph.C., notified change of address from 84 West Street, Drogheda, to 12 Osborne Park, Belfast; and Mr. Frank Strahan, Ph.C., notified change of his address to c/o Thompson & Co., Kobe, Japan.

REPORTS ADOPTED.

Various reports were considered and adopted.

Arising out of a report from the Law Committee in reference to a letter from Mr. Patrick J. Hickey, M.P.S.I., Rathkeale, complaining that on the occasion of his attendance as a witness at the Rathkeale Quarter Sessions he had been offered an attendance-fee of only 7*s.* 6*d.* (see *C. & D.*, December 22, p. 46), it was decided to write to Mr. Hickey, informing him that the Council were in consultation with their Law Adviser in reference to the fees payable to pharmacists who were summoned as witnesses.

ELECTIONS AND NOMINATIONS.

Mr. James Edward Savage, Ph.C., Bank Buildings, Castlewellan, co. Down, and Mr. Hugh Crail, Ph.C., Sinclair's Buildings, Ballyhackamore, Belfast, were elected members.

Mr. Patrick Joseph Walsh, Ph.C., was nominated as a member, and Mr. George V. Harris, R.D., was nominated as an Associate druggist.

Examination Results.

Registered Druggist Examination.—The following passed: John Laurence Duane, Dublin; Thomas Joseph Nolan, Dublin; Robert Matthews Watson, Londonderry. Three candidates were rejected.

Pharmaceutical Licence Examination.—The following passed with honours: Thomas Francis Reddy, Dublin; Patrick Thomas Callaman, Buttevant; Joseph Shillington, Belfast; Francis Michael McNulty, Liscarroll, co. Cork; Patrick Joseph Barry, Cork; Frederick Chanel Hayes, Dublin; William James Bateman, Clonakilty; James Wm. Leahy, Newtonsandes, co. Kerry. The following also passed: Richard Linehan, Belfast; John Michael O'Donoghue, Kanturk; Richard George Chism, Belfast; Michael John McConville, Crossmaglen; David Meehan, Frankford, co. Kilkenny. Twelve candidates were rejected.

Pharmaceutical Assistant Examination.—Daniel Joseph Brolly, Dublin, passed. Two candidates were rejected.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

THE CONTROL OF TRADE.

It is probable, writes our Parliamentary correspondent, that the second reading of the Imports and Exports (Temporary Control) Bill will be taken next week in the House of Commons. There is much opposition to the Bill, and it is likely that the Prime Minister will consent to receive a deputation on the general question from Chambers of Commerce and other bodies.

DENTISTS ACT COMMITTEE.

Our Parliamentary correspondent states that the Departmental Committee which is inquiring into the question of the Dentists Act and other matters relating thereto is still taking evidence, and some considerable period will elapse before Mr. Acland and his colleagues will be in a position to proceed with the discussion of their Report. The work of this Committee is included in the series of omnibus questions which Mr. Pemberton Billing has been addressing to the heads of Departments during the last few weeks.

NON-FERROUS METAL INDUSTRY BILL

During the Committee stage of this Bill on January 15 Mr. Glyn-Jones had something to say in regard to the expression "purchase or sale of metal by persons for the purposes of use in their trade." People, he said, do not sell metal for use in their trade. Mr. Brunner said Sir W. Pearce wished to make it clear that chemical-manufacturers may sell freely the waste lead from worn-out chemical plant. The Bill was further considered on January 16.

MILITARY SERVICE (MAN-POWER) BILL.

Sir Auckland Geddes, Minister of National Service, who introduced this Bill on January 14, said it is necessary to raise immediately 420,000 to 450,000 men from among those in civil life. The men to whom he referred are mainly employed in munition-works. Clause 2 of the Bill gives power to withdraw any certificates of exemption granted on occupational grounds either under the Military Service Acts or to voluntarily attested men. A certificate granted on occupational grounds is defined as one which is granted wholly or partly on the grounds that it is expedient in the national interests that a man should, instead of being engaged in military service, be employed either on civil work in which he is engaged, or in which he wishes to be engaged, or, if he is being educated or trained, that he should continue to be so educated or trained, or which in the case of voluntarily attested men is based on similar grounds, or a certificate which is granted by or under the authority of any Government Department. It is proposed that the administrative order may be applicable either to individual certificates or to certificates granted to any class or body of men, and that the order may be made applicable only to men falling within such limits of age or fulfilling such other conditions as may be specified in the order. There are at the present time over a million men who hold administrative protection certificates from military service. If the powers asked for are obtained the recruiting will proceed by a system of clean cuts by age and occupation basis. In connection with one-man businesses, Sir Auckland Geddes said, it had been found by experience that it is possible to arrange, through the Federation of One-man Business Associations, to get a large amount of part-time work undertaken by the men of lower categories who are owners of one-man businesses, and that work they are undertaking to help the men of higher categories whom it is impossible for us in the present position of our man-power requirements to leave in their own businesses. To protect them the War Cabinet has given authority for a Defence of the Realm Regulation to be passed which will limit the establishment of retail businesses to those cases in which licences have been granted—that is to say, new retail businesses to be established only on licence. That is being done to protect the one-man business where the owner has had to join the Forces and where some stranger, possibly an alien, opens a business beside his shop and tries to take his business away from him.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Blackburn.—The Insurance Committee met on January 9, when, after considerable discussion, the following motion was carried: "That all resolutions prohibiting the right of a practitioner on the panel to prescribe for an insured person on his list proprietary articles, vaccines and sera, and malt and cod-liver oil be rescinded, and that the doctors be informed that insured persons are entitled to sufficient medicines and appliances as are ordered by the panel practitioner, any question as to what is proper and sufficient being decided on the circumstances of individual cases." The Pharmaceutical Committee wrote stating that Mr. A. Lucas, chemist, New Chapel Street, Mill Hill, had been elected a member of that Committee, in place of Mr. H. Butterfield, resigned. Mr. Butterfield asked for his name to be placed on the panel, as he was about to take over the business of Morphew & Co., dispensing chemists. It was mentioned that for the quarter ended September 30, 1917, chemists' accounts amounted to 777*l.* (ingredient-prices 414*l.* 4*s.*; dispensing-fees 362*l.* 16*s.*). The scripts numbered 30,007, and the average ingredient-price and dispensing-fee per script were 3.31*d.* and 2.90*d.* respectively. The Pharmaceutical Committee gave 74*l.* 19*s.* 6*d.* as administration expenses for the year 1917. This was approved. In view of the shortage of paper the Commissioners proposed that old prescription-forms, etc., for 1913, 1914, and 1915, except those relating to outstanding questions, should be disposed of. It was decided that the upper halves of record cards and the old forms should be dealt with, as suggested.

Derby.—The data supplied to the Insurance Committee on January 16 by the Pricing Bureau showed that the average ingredient-price of 80,759 prescriptions made up was 4.08*d.*, and the average dispensing-fee 2.81*d.* per prescription. The average total cost per insured person was 15.83*d.* The Bureau drew attention to a case in which a prescription was priced according to the ingredient-pricing at 4*s.*, whereas the actual cost to the chemist was 7*s.* 3*d.*, and asked why the ordinary rule should not apply. The Panel and Pharmaceutical Committee Secretaries agreed that as the particular drug was rarely used the actual cost might be paid, and it was decided to notify the Bureau to this effect. The number of chemists under agreement with the Committee to supply drugs and appliances during the current year was returned at twenty-two, as against twenty-one on the 1917 panel.

Essex.—The Pharmaceutical Committee met on January 8, when it was decided to continue the contract with the Central Checking Bureau for 1918 prescriptions. The Secretary was requested to draw the attention of panel chemists to the fact that Clause 15, referring to methylated preparations, includes all liniments and other preparations which may be made with methylated spirit, and will only be paid for as such. He is also to ask any county chemist dispensing homœopathic prescriptions to communicate with him. The resignation of Mr. Swan, through business pressure and war exigencies, was received with regret, and a vote of thanks for his services was unanimously passed. The report from the Checking Bureau showing a satisfactory standard of pricing was received and adopted. The new position which may be created by the Bill about to be brought before the House of Commons dealing with National Service was discussed. Resolutions received from the Derbyshire Pharmaceutical Committee dealing with rural areas were held over until next month.

Hull.—On January 9, the Panel Committee recommended the Insurance Committee to surcharge a doctor, adjudged to be guilty of extravagant prescribing, one-third of the amount by which his prescriptions exceeded the statutory allowance of 2*s.* per insured person on his panel list. The Insurance Committee, having considered the matter, has adopted the recommendation, and has ordered the deduction of 50*l.* from the amount payable to the doctor on March 31 next and its transference to the Practitioners' Fund for 1917.

Lancashire.—At a meeting of the Lancashire Prescription Bureau (which includes the counties of Lancashire and Westmorland and the principal boroughs of the former) held at Rochdale on January 7, and of which a short report was given last week (p. 48), it was reported that prescriptions priced during 1917 numbered 756,143, the ingredient-price averaging 3.21*d.* and aggregating 10,119*l.* for the area (Bolton heading the list with 1,886*l.*, and Westmorland being the smallest with 304*l.*); the total dispensing-fees were 9,026*l.* A "practitioners' report" to the Lancashire Insurance Committee on over-prescribing and surcharging was considered. The document stated, *inter alia*, that there would have been a saving of 25 per cent. in renewals and an enormous economy in dispensing-fees had doctors generally ordered 8-oz. mixtures instead of 6-oz., and this should have been emphasised in the regulations. The actuarial calculation in fixing a grant of 1*s.* 6*d.* per head for drugs and appliances was inadequate, and, having regard to war conditions, prices ought not to have been estimated on a war footing. Chief factors in swamping the Drug Fund in 1914 were failure to recognise a smaller fraction of money than ½*d.*; allowances made to chemists over and above the wholesale prices of drugs in bulk; enormous profits allowed by the Tariff to chemists dispensing small quantities; and the unreasonable dispensing-fee of 2*d.* in simple cases, with one or two ingredients in a prescription or in recognised stock mixtures. The report contended that, in addition to the enormous profit made upon certain drugs, such as sodium bicarbonate, in mixtures, the chemist received princely profits upon most of the ingredients, and finally wound up with a dispensing-fee of 2*d.* upon each mixture. Tons of this particular drug (sodium bicarbonate) had been lost to the Drug Fund and the profits allowed to flow into the pockets of the chemists. No dispensing-fee was allowed for tablets and pills in the Tariff list. This might seem unreasonable, but the hardship was only apparent, not real, when the Tariff allowances per dozen were compared with the wholesale prices of these commodities. Retail chemists seldom or never compounded these tablets or pills. Under the heading of tinctures, most of those in frequent use were the cheaper varieties, thereby showing enormous profits upon drugs in bulk. After quoting examples of profit upon drugs, etc., sold in bulk and small quantities, the report adds: "The dreams of De Quincey appear to have been surpassed in golden splendour. Some conception of the magnitude of these profits when shown in concrete form may be still further clarified by accepting the reasonable assumption that during 1914 30,000,000 scripts had been issued, dispensed, and charged to the Drug Fund. Had a single farthing been saved on each prescription the value represented is 31,250*l.*" In conclusion the report states: "There is something Pickwickian in the chemists being directed to lay the charge against the panel practitioners for over-prescribing; firstly, because chemists benefit by its continuance, and, secondly, because they were not in a position to know what the drugs were ordered for. The Tariff for 1914 has been a veritable El Dorado for chemists and a nightmare to a number of innocent doctors. We recommend that no panel practitioner be surcharged for 1914."

SCOTLAND.

Fifeshire.—Estimates for the ensuing year submitted to the Insurance Committee show an income of 1,297*l.* 6*s.* 8*d.* and an expenditure of 1,162*l.* 10*s.* 1*d.*, leaving a surplus of 134*l.* 16*s.* 7*d.* Of the fifty-three persons receiving Sanatorium Benefit in 1917, forty-nine had been given institutional treatment and four domiciliary treatment.

Notes.

JOINT PHARMACEUTICAL COMMITTEES.—One hears quite frequently of the merits and otherwise of the work of the Central Checking Bureau, but it would be interesting (writes a correspondent) to know the amount of money actually paid to the chemist for errors in pricing detected against him. The figures of an average Pricing Bureau, covering a sample check of 10 per cent. for the first six months of 1917, give food for reflection. The one in question works out at an estimate for the year at 18,960 against the chemist. Of these about 11,000 are omissions to price, but as a set-off against this some 8,000 are against the Pricing Bureau. The net result is a serious item against the chemist unless there is some method of compelling the Insurance Committees to make good the errors. Each Insurance Committee within the area appoint members on the Pricing Bureau to watch over their interests, and these delegates do not always include a chemist. The various Pharmaceutical Committees acting alone get very scant treatment in securing redress to any grievance they may have. What appears to be required is to set up a Joint Committee with representatives from each Pharmaceutical Committee within the pricing area, when the general matters could be dealt with and combined pressure could be brought to bear on the local representatives of the Pricing Bureau.

THE MINISTRY OF FOOD, 35 Grosvenor House, London, W. 1, supply free on application a poster asking customers to carry their own parcels home. The poster is in red and black, and measures 15 × 10 in.

N.H.I. Administration.

THE Report on the Administration of National Health Insurance during the years 1914 to 1917 has just been issued as a Blue Book of 345 pages. The last Report published was dated June 1914, so that the present volume tells concisely and clearly the conditions existent and the changes made in war-time. There is much in the Report of particular interest to chemists, and among the war-time activities touched upon are the questions involved in the military service of chemists, the scheme for the provision of free medical service to the dependants of soldiers and sailors, and the effects of war on the drug-supply. In dealing with the problem last named it is pointed out that the Commission took steps to urge economy in the use of drugs not only to lighten the burden on the Drug Fund, but in order to conserve the national stock of drugs. The activities of the Scottish panel chemists in bringing strongly before the Commission (shortly after the outbreak of war) the hardship involved in dispensing owing to the scarcity and high prices of some drugs is specially mentioned. It is pointed out that as a result of these representations the special arrangement was come to (with the consent of the Treasury) whereby additional payments were made to panel chemists over and above the sums due under current contracts. Selected drugs liable to fluctuation in price were scheduled—originally fifteen in all, but later (November 1914) ten others were added—and for these special claims were made. At the expiry of the contracts for the year on December 31, 1914, the total *ex gratia* payment made to Scottish chemists in this connection was 256*l.* 10*s.* 5*d.* The most interesting section of the Report to chemists is that dealing with "Medical Benefit." There it is stated that a slight decrease has occurred in the number of chemists' shops available for the supply of medicines or appliances, or both, to insured persons. The actual figures are:

January 1, 1915	10,304
January 1, 1916	10,055
January 1, 1917	9,983

The steps leading up to the revision of the Drug Tariff, the abolition of the "discounting" clause, and the introduction of the "Commercial Tariff" are fully and accurately dealed. Full particulars are given of the establishment of the Pricing Bureaux, and praise is given to the vigour with which the controlling bodies of the Bureaux attacked their new and difficult tasks and successfully overcame them in a comparatively short space of time. The extra duties of the Bureaux set apart for "Commercial Tariff" pricing are set forth in detail, and it is evident that the Commission are pleased with the way this work has been carried on. Passing from a history of the results of the Pharmaceutical Society's bargaining with Mr. Charles Roberts, M.P., which secured an additional 0.3*d.* per prescription, the Report states that seven inquiries were held up to the end of 1916 relating to persons, firms, and bodies corporate supplying drugs and appliances, four of which resulted in the removal of the person or firm from the panel of chemists. In one of the remaining cases a penalty of 5*l.* was imposed. Up to the end of 1916 the Commissioners dealt with thirty-one cases of breaches on the part of doctors or chemists of the terms of their agreements with Insurance Committees, and grants varying from 5*l.* to upwards of 400*l.* were withheld. Scotland bulks fairly largely in the Report, it being pointed out that the fact that since the large majority of doctors in Scotland do not do their own dispensing, the problem of calling up chemists for military service was a more serious one in that country than in England and Wales. The total number of chemists on the panel of all Insurance Committees in Scotland on January 1, 1917, was 2,205. These figures do not, however, indicate the actual number of businesses, as many chemists and firms are on the panel of more than one area. The actual total of chemists' businesses is under 1,200. The most piquant portion of the Report is the statement of the negotiations with the Scottish panel chemists during 1914, 1915, 1916, and 1917. The whole tale of these negotiations is told, and the struggle between the Scots and Mr. Charles Roberts, M.P., which ultimately resulted in the triumph of the chemists, is very good reading indeed, although ancient history to our readers now. Thereafter the Report goes on to state that at the close of the medical year (ended January 1914) it was observed that the rate of drug expenditure on drugs and appliances in Scotland had varied considerably as between different Insurance Committees. The variation for the thirty-one counties was from 7½*d.* to 1*s.* 10¼*d.* per insured person, and for the twenty-five burghs the rate of cost was from 8½*d.* upwards. Seven burghs had exceeded the 1*s.* 6*d.* limit and two had passed the 2*s.* limit. With a view to ascertaining the causes of the variations, the Commission invited Dr. J. F. Tocher, F.I.C., to make an inquiry and report as to the prescribing and dispensing of medicines under the Insurance scheme in certain typical areas, which Dr. Tocher did with his usual thoroughness. In the course of Dr. Tocher's investigation a scrutiny was made of 156,424 prescriptions out of a total of 3,018,598 for the year, with respect to the quality and character of the drugs ordered. This showed clearly that Scottish Insurance practitioners selected the most modern drugs and those of best repute for their Insurance patients. An analysis of 54,834 prescriptions showed that of the total

Mixtures formed	56.17	per cent.	
Powders	,, 6.99	,,	,,
Appliances	,, 5.90	,,	,,
Liniments	,, 4.63	,,	,,
Ointments	,, 4.33	,,	,,
Pills	,, 3.04	,,	,,

All other forms of medicament were less than 3 per cent. Gargles, capsules, cachets, suppositories, plasters, and blisters were severally under 1 per cent. From an analysis of 520,630 scripts representing approximately 650,700 prescriptions, it appeared that the price ranged from ½*d.* to 1*s.* in 80.5 per cent., and from 1*s.* 0½*d.* to 2*s.* in 16.2 per cent. of prescriptions. Of 54,834 prescriptions analysed 66 per cent. were originals and 34 per cent. repeats. From these results it was estimated that during the medical year 1913-14 Insurance practitioners in Scotland wrote about a million repeat orders, valued at 30,000*l.* The steady rise in drug expenditure was shown by the figures for 1914, when the total of the chemists' bills in Scotland rose from 93,122*l.* 12*s.* 1*d.* in 1913 to 102,516*l.* 3*s.* 6*d.* in 1914. This high rate of expenditure continued into the early months of 1915, but an improvement set in towards the middle of the year, due (according to the Report) to the operations of the newly-established Central Checking Bureau. The following shows the number of scripts and cost of the drugs and appliances supplied during the period under review:

		1914	1915	1916
Number of Scripts	Counties...	791,122	768,988	671,413
	Burghs ..	1,690,255	1,475,486	1,264,765
	Totals ...	2,481,377	2,244,474	1,936,178
		£ s. d.	£ s. d.	£ s. d.
Cost of Drugs and Appliances supplied	Counties..	32,845 1 1	31,[illegible]	29,365 16 3
	Burghs ...	69,680 8 5	58,373 0 4	51,385 15 3½
	Totals ...	102,516 3 6	90,125 13 10	80,451 11 6½

The establishment of the Central Checking Bureau is an acknowledged success. The number of prescriptions dealt with up to the end of December 1915 was 2,235,641. The cost of the Bureau for the year was 3,156*l.* In 1916, 1,936,178 prescriptions were dealt with, and the cost in that year amounted to 3,456*l.* In summing up the "general position" the Report states that the demands of the chemists (in Scotland) have to some extent been met by the bonus system, which allows for the distribution within certain limits of any balance remaining in the Drug Fund after the chemists' accounts have been met.

This, however, is merely a temporary expedient devised at a time of exceptional difficulty, and continued owing to the impracticability of disturbing existing arrangements during the war. The whole subject of chemists' remuneration will therefore require to be reconsidered at the earliest possible opportunity, in order that it may be placed on a more satisfactory footing.

Singularly enough, no figures of drug expenditure in England or Wales appear to be given in the Report, but there is an Appendix table giving the average cost per order for medicines supplied as shown by *prescription forms* for 1913, 1914, and 1915, and by *prescriptions* for 1916. On the other hand Appendix XXV. tabulates the number, value, and average cost of N.H.I. prescriptions allowed in Scotland in 1915 and 1916. This shows a grand total of 2,219,483 prescription forms allowed in 1915 and 1,939,366 in 1916, a total value of prescriptions amounting to 90,125*l.* 13*s.* 10*d.* in 1915 and 80,451*l.* 11*s.* 6½*d.* in 1916, and an average cost per form of 9.74*d.* in 1915 and 9.95*d.* in 1916.

TRADE BOYCOTT OF GERMANY.—The United States Chamber of Commerce has started a movement on a national scale aiming at the establishment of a world-wide boycott of Germany if, after the war, she retains her present form of government. The object of the boycott, it explains, is "not revenge or punishment, but is based upon the logic that only through industrial intercourse with the United States can the military party of Germany get the sinews with which to precipitate a second great world war."

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, January 17, 3 p.m.

BUSINESS still remains on the quiet side, the political situation exercising a restraining influence in many directions, and with high prices for practically all products, there is little inducement to buy beyond current requirements. The restrictions in the shipments from the United States is now beginning to affect prices of certain products, and there has been more eagerness to acquire spot and afloat parcels of chemicals, but there is less inclination to buy forward, unless the name of the steamer has been declared. Potash and ammon. bromides are firmer and in good demand, but limited supply. Acetanilide is tending firmer; hydroquinone and pyrogallic acid are getting scarcer; lithia carb. has been in improved demand. Benzoates are still rising in U.S.A., but London is the cheaper market. Pending the auctions there have been few changes in drugs. Menthol and Japanese oil of mint are easier. Balsam tolu is again selling at an advance. The filling up of the schedules of drug stocks as required by the Army Council is giving considerable trouble to the drug-trade, and the ambiguous wording of the Order as to whom it actually applies gives rise to confusion. Moreover, there appears to be few, if any, of the printed schedules available, and in these days of depleted staffs it is quite likely that full and painstaking returns will be difficult to render, especially in regard to consumption during last year.

Higher	Firmer	Easier	Lower
Asafetida	Acetanilide	Ipecacuanha (M.G.)	Aloes (Cape)
Balsam tolu	Ammon. bromide	Lemon oil	Shellac
Benzoin (Sumatra)	Benzoates	Menthol	Turpentine
Calumba	Cream of tartar	Mint oil (Japan)	
Canary-seed	Geranium oil (Bourbon)	Rhubarb (Canton)	
Cassia fistula	Myrrh		
Cocoa-butter	Orange-peel		
Coumarin	Potash bromide		
Dragon's-blood (Zan. drop)			
Honey			
Nutmeg oil			

Cablegram.

NEW YORK, January 17.—Business is quiet. Acetanilide has advanced to 80c., menthol to $3.25, and balsam tolu to $1.00 per lb. Benzoic acid is also dearer at $4.50 and benzoate of soda at $4.35. Balsam peru is lower at $3.75 per lb.

ACETANILIDE is rather firmer, and some parcels have changed hands at from 4*s.* 6*d.* to 4*s.* 9*d.* per lb. net, but there is not much available at these prices.

AGAR-AGAR.—Sales to come forward have been made at 2*s.* 4½*d.* c.i.f., and on the spot 3*s.* is quoted for No. 1 strip.

ANISEED.—Russian is held for 80*s.* per cwt. on the spot, but the demand is slow.

ANTIMONY.—Chinese crude is still neglected, but the limited supply on the spot is tightly held at 45*l.* The forward market is virtually a dead letter. Advices from China state that operations have been somewhat discouraged by current prices, but the loss of the Russian market incidental to recent adverse political developments is making itself felt, while in America the market is still affected by old stocks in dealers' hands. It is understood that antimony ore deposits in the Transvaal are now being investigated by a French company with a view to introducing a scheme for their exploitation if found remunerative. Developments in Bolivia continue satisfactory, the supply of ores coming to this country being fairly regular in spite of the difficult state of shipping.

ASPIRIN is unchanged; and, in spite of the good demand, stocks are plentiful, with offers at from 13*s.* to 13*s.* 6*d.* per lb. net on spot.

BALSAM TOLU.—Spot sales have been made at 5*s.* 3*d.* per lb.

BARBITONE remains at 120*s.* per lb. net on spot.

BENZOATES.—The price in the United States, based on present freight and insurance, is equal to a lay-down cost in London of 20*s.* per lb. for benzoic acid. Second-hand parcels on the spot are worth 16*s.* 6*d.* per lb. for acid and 15*s.* 6*d.* for sodium benzoate. It is possible that higher prices will be realised before long.

BISMUTH.—It is quite on the cards that the control which has already been exercised by the authorities may be tightened further, chiefly because of the greater demand experienced for engineering purposes, alongside of the main outlet for medicines. Reserve stocks are said to have been considerably reduced, although supplies are understood to be shipped on a fair scale. The official price of the metal remains at 11*s.* per lb., but small lots are selling privately at considerably more money.

BROMIDES.—A good many spot parcels have passed into consumers' hands, the sales including potassium at from 7*s.* 3*d.* to 7*s.* 6*d.*, ammonium 5*s.* to 5*s.* 3*d.*, and sodium 3*s.* to 3*s.* 3*d.* per lb. net, and these prices are likely to be realised for parcels actually afloat, but quantities are strictly limited. We do not hear of any licences yet being granted for the export of potash and ammon. from the U.S.A., but it is anticipated that further shipments will be made before long.

CANARY-SEED is in good demand at advancing prices; early in the week fair to good Morocco sold at 132*s.* to 135*s.*, but since then higher prices are quoted.

CANNABIS INDICA.—Small sales of genuine Bombay tops have been made at 20*s.* per lb. net, and the last business in African was at 3*s.*

CHLORAL HYDRATE is firm at 9*s.* 6*d.* to 10*s.* per lb. net in bond to come forward.

CINCHONINE SULPHATE.—There is a limited quantity on the spot offering at 1*s.* 11*d.* per oz., and hydrochloride at 2*s.* to 2*s.* 1*d.* per oz. to arrive. *Cinchonidine sulphate* is also offered at 2*s.* to 2*s.* 1*d.* to arrive. These minor alkaloids should be of value to makers of certain proprietaries in these days of scarce and dear quinine.

COCOA-BUTTER is dearer, with a good business at from 1*s.* 6*d.* to 1*s.* 7*d.*, closing at 1*s.* 7½*d.* per lb.

CODEINE.—Applications for licences to export codeine and its salts (and all other opium alkaloids) to Japan must now be accompanied with certificates from the Japanese Home Office, similar to those in vogue for morphine and cocaine.

COPPER SULPHATE.—Business has been quiet and featureless, the recent action in arranging for the French orders being placed exclusively through one channel at the expense of merchants, being resented by the latter, whose suggested representations on the subject may possibly be considered. New business for export is chiefly in abeyance, and the price of about 67*l.* 10*s.* f.o.b. Liverpool is nominal. The December exports made a pretty good showing at 5,789 tons, the total for 1917 being 47,129 tons, against 38,812 and 65,210 tons respectively for the two previous years.

CORIANDER-SEED is slow of sale at 82*s.* 6*d.* per cwt. for Morocco, 75*s.* for Russian, and 57*s.* 6*d.* for East Indian.

COUMARIN.—Spot sales are reported at the higher figure of 170*s.* per lb.

CREAM OF TARTAR continues to advance on increased scarcity, sellers asking 360*s.* per cwt.—a rise of 2*s.* 6*d.*

CUMIN-SEED is selling at 67*s.* 6*d.* per cwt. for good sifted Morocco.

DILL-SEED sells slowly at 60*s.* per cwt., less discount. In the drug-auction 10 bags E.I. sold at 55*s.*

FARINA.—For February-April shipment No. 1 white Japanese is offered at 59*s.* per cwt. c.i.f., and sweet-potato starch at 55*s.* 6*d.* c.i.f.

FENNEL-SEED is selling at 57*s.* 6*d.* per cwt. for fair East Indian.

FENUGREEK-SEED is unchanged at 46*s.* per cwt. for Morocco and 45*s.* for East Indian.

FORMALDEHYDE.—A few parcels have been sold at 150*s.* per cwt., and the market is now firm at 155*s.* We do not hear of any important shipments advised as coming forward, and if such do come to hand they are likely to be commandeered on arrival.

GALLIC ACID.—Pure is worth 6*s.* per lb. net to buy.

GERANIUM OIL.—Spot sales of Bourbon have been made at 23*s.* per lb.

GLUCOSE.—No liquid or solid appears to be obtainable, and there are buyers of the former at 75*s.* per cwt.

GUAIACOL CARBONATE.—There is now a consignment of Swiss make available at from 120*s.* to 125*s.* per lb. net, according to quantity.

HYDROQUINONE.—Stocks have been appropriated by consumers, and there is very little available for early delivery. Business has been done at from 11*s.* 6*d.* to 12*s.* per lb. net to come forward and for stuff actually afloat.

INSECT-FLOWERS.—Closed Japanese for January-February shipment offer at 152*s.* per cwt. c.i.f.

LEMON OIL continues very flat, with offers of genuine oil at slightly below 4*s.* per lb. on the spot, and to arrive 3*s.* 9*d.* c.i.f. is quoted.

LITHIA CARBONATE.—Demand has improved again, and 7*s.* 6*d.* is obtainable for spot parcels.

MENTHOL is very flat and easier, with spot sellers at 13*s.* per lb. Fair-sized quantities have arrived.

MINT OIL.—Japanese dementholised is easier at 3*s.* 4*d.* per lb. for Kobayashi-Suzuki on the spot.

ORANGE-PEEL.—In view of the non-arrival of new crop so-called Maltese, some holders are now asking 2*s.* 9*d.* per lb. for spot parcels of machine-cut.

PARALDEHYDE.—For parcels actually shipped from 14*s.* 6*d.* to 15*s.* per lb. net is quoted.

PHENACETIN.—We hear of no shipments from the U.S.A., only Swiss make being obtainable at the reasonable figure of from 32*s.* 6*d.* to 35*s.* per lb. on the spot. The demand seems to have revived now that the price has been reduced to a lower level.

PHENOLPHTHALEIN.—Although the demand is limited, spot supplies are becoming short, with no arrivals from the U.S.A.; 47*s.* 6*d.* per lb. net is the spot price.

POTASHES.—Market appears to be cleared in Liverpool, sales of first Montreal having been made at 250*s.* per cwt., which price is now nominal.

PYROGALLIC ACID.—Stocks are by no means abundant on spot, and prices are firmer, in view of the difficulty in effecting shipment of bulky chemicals. Crystals are worth 16*s.* 6*d.* and resublimed 18*s.* 6*d.* to 19*s.* per lb. net.

QUILLAIA.—Sellers quote 52*l.* per ton ex store Liverpool.

QUININE.—Second-hand parcels of sulphate can still be bought at 3*s.* 4*d.* per oz., which is quite reasonable, as the makers' price when they are able to offer will work out at about this figure on landed terms and after paying war-risk insurance.

RESORCIN.—Limited quantities of a French make are available at 42*s.* 6*d.* per lb. This figure is considered reasonable, and it is not anticipated that any reduction will be made.

SALICYLATES remain unchanged at the prices quoted last week. No arrivals have taken place from America, and this ought to make the position firmer before long.

SALOL.—Raw material being scarce and difficult to obtain in U.S.A., there is little likelihood of prices being cheaper; to arrive 10*s.* 6*d.* to 11*s.* is quoted.

SALTPETRE.—One of the English makers announces that the firm have completed the extension of plant, and are in a position to supply saltpetre in reasonable quantities up to March 31, 1918. Their prices are: Crystals or granulated in 1-cwt. bags, 62*s.* per cwt.; crystals or granulated in 2-cwt. bags, 61*s.* 6*d.*; powdered in 1-cwt. bags, 64*s.*; powdered in 2-cwt. bags, 63*s.* 6*d.* per cwt. for orders or contracts of two tons.

SHELLAC is quiet, with spot prices rather lower at from 355*s.* to 360*s.* per cwt. for the usual standard TN Orange quality.

SOY.—Sales of Japanese have been made at 90*s.* per cwt., but 100*s.* is now asked.

TURPENTINE is easier on the week, American on the spot closing at 124*s.* 6*d.* per cwt.

VANILLIN has lately shown a marked falling-off in the consumption, but in view of the high cost of raw material prices remain firm at from 62*s.* 6*d.* to 65*s.* per lb. net.

London Drug-auctions.

Commercial Sale Rooms,
Mincing Lane, E.C. 3,
January 17.

Quantities much in excess of buyers' requirements were placed in auction to-day, but there was a fair demand. Cape aloes was extremely quiet, and from 1*s.* to 2*s.* per cwt. cheaper. Asafetida brought extreme prices owing to scarcity, and Sumatra benzoin of new crop sold at an advance of from 10*s.* to 15*s.* Cubebs were neglected but firmly held, while for calumba, which is extremely scarce, an advance of 20*s.* to 25*s.* per cwt. was paid. Zanzibar drop dragon's-blood sold at an advance of about 4*l.* on previous prices. Gamboge is neglected but held for previous high prices. The offerings of honey were much smaller and quality poorer, while the samples were badly graded. Prices, however, considering the quality, were about 5*s.* to 10*s.* dearer. Ipecacuanha is about 3*d.* per lb. easier for Matto Grosso. Kola is still in demand at firm rates, and a further small advance was paid for ordinary myrrh sorts. Nux vomica seems more plentiful, but there were no buyers. Rhubarb was on the easier side when offered without reserve, but High-dried remains firm at the recent advance. Grey Jamaica sarsaparilla was held for previous prices, while native sold at unchanged rates. Tinnevelly senna is quiet but steady, and business in bees' wax was extremely small. The following table shows the offerings and the quantities disposed of:

		Offered	Sold
Aconite (Jap.)		28	0
Agar-agar		5	0
Ajowan-seed		100	0
Almonds		22	*22
Aloes—			
Cape		58	8
Curaçao		32	3
Socotrine and Mocha	(kgs.)	66	0
Anise, Russ.		160	0
Anise oil, star		55	55
Annatto-seed		169	0
Antimony	(cs.)	10	0
Asafetida		17	17
Bayberry-bark		18	0
Belladonna-root		44	0
Benzoin—			
Siam		18	10
Sumatra		140	140
Blackhaw-bark		8	0
Boldo-leaves		10	0
Buchu		5	0
Burgundy pitch		4	0
Calabar-beans		16	0
Calamus-root		17	0
Calumba		212	212
Camphor		31	0
Camphor oil		25	25
Candle-nuts		104	104
Cannabis ind.—			
African		41	0
Cantharides		97	0
Cardamom seed		9	0
Cascara sagrada		100	0
Cascarilla		4	0
Casein		47	0
Cassia fistula		13	9
Castor-seed		7	0
Cherry-bark		11	0
Chiretta		71	0
Cinchona		10	0
Citric acid		2	0
Coca-leaves		50	31
Colocynth and pulp		46	0
Coriander-seed		360	0
Cubebs		93	0
Culvers-root		4	0
Cuscus		7	0
Cuttlefish-bone		50	0
Dill-seed		335	20
Dragon's-blood		18	3
Elemi		10	0
Ergot		70	0
Eucalyptus oil		20	0
Fennel-seed		200	0
Fenugreek-seed		200	0
Galangal		40	0
Galbanum		4	0
Galls		1	1
Gamboge		24	0
Gentian		8	0
Glycerophosph. lime	(ck.)	1	0
Grindelia rob.		30	0
Guaiacum		11	0
Gum acacia		288	10
Henbane		11	0
Honey—			
Californian		150	150
Chilian		314	314
Cuban		25	10
Jamaica		31	31
St. Lucia		29	29
San Domingo		37	37
West Indian		22	22
Ipecacuanha—			
Cartagena		14	0
Matto Grosso		29	5
Jalap		8	0
Kamala		16	0
Kava-kava	(cs.)	11	0
Kola		68	68
Lac-dye		10	0
Lime-juice		30	0
Lime-tree flowers		12	0
Liquorice-juice	(cs.)	100	100
Liquorice-root, decort.		83	0
Lobelia		37	0
Mace oil		2	0
Matico		30	0
Myrrh		4	4
Nux vomica		923	0
Olibanum		119	0
Orange-peel		21	0
Peppermint oil		19	15
Poppy-seed		25	0
Pot. pruss., red		6	0
Quillaia	(tons)	8½	0
Rhatany		27	0
Rhubarb (Ch.)		49	15
Sarsaparilla—			
Grey Jam.		30	2
Lima-Jam.		6	1
Native Jam.		14	14
Scopolia		4	0
Senega		7	7
Senna and pods—			
Alex.		134	0
Tinnevelly		484	35
Snake-root		1	0
Soap, Castile		1	0
Spermaceti		9	0
Squill		111	0
Stavesacre		8	0
Tamarinds (E.I.)		137	0
Tannin-powder	(pcls.)	29	29
Taraxacum		46	0
Tartaric acid		5	0
Tragacanth		248	16
Turmeric		150	0
Turpentine		2	0
Valerian (Belg.)		27	0
Wahoo-bark		13	0
Wax (bees')—			
Chilian		20	0
East African		48	0
East Indian		286	0
Egyptian		50	0
Jamaica		32	0
Madagascar		50	10
Mombasa		70	0
Morocco		47	0
Mozambique		244	39
West Indian		30	0
Wormseed oil		3	3

* Sold privately.

ALOES.—There was practically no public demand for Cape, only eight cases being disposed of, including good seconds slightly dull at from 48*s.* 6*d.* to 49*s.*, and ordinary dull hard at 43*s.* 6*d.* For good firsts a bid of 53*s.* is to be submitted, which is 1*s.* to 2*s.* less than the previous public sales. Of Curaçao, 32 boxes offered and 3 sold at 85*s.* for mixed capey; good liver was bought in at 110*s.*

ANISE OIL (STAR).—A lot of 55 cases "Red Ship" brand (in prize) sold at from 4*s.* 1½*d.* to 4*s.* 2*d.* per lb. and ullaged at 4*s.*

ASAFETIDA being extremely scarce, 17 cases were sold at from 15*l.* subject up to 16*l.* for small to medium, partly stony and sandy brown block to loose drop.

BENZOIN.—Sumatra was from 10*s.* to 15*s.* dearer, a string of 140 cases new crop being disposed of at from 10*l.* 15*s.*

to 11*l.* (one lot 11*l.* 2*s.* 6*d.*) per cwt. for good seconds with small to bold streaky almonds and slightly false packed ends. Good fair seconds sold at from 9*l.* 2*s.* 6*d.* to 10*l.*, and cross-cuts at from 8*l.* 15*s.* to 9*l.* It is difficult to say when any further shipments will be received, and the offerings represented the whole of the first-hand stock. Of Siam, 18 cases offered and 10 sold, including small to medium loose good pale almonds at 29*l.* per cwt. subject, good brown partly blocky siftings at 19*l.* 5*s.*, and blocky garblings at 16*l.* 5*s.*

CALUMBA-ROOT, being extremely scarce, sold at an advance of about 20*s.* to 25*s.* per cwt., 212 bags being disposed of, comprising 81 bags ordinary small to medium natural brown partly wormy sorts at from 153*s.* to 158*s.*, and sea-damaged at 152*s.* A similar parcel of 35 bags also sold at 142*s.* 6*d.* to 150*s.*, and a further 96 bags of perished, the parcel being practically unfit for consumption, sold at from 46*s.* to 50*s.* per cwt. without reserve for account of whom it may concern.

CAMPHOR OIL.—A lot of 25 cases white Japanese sold at 90*s.* per cwt.

CANDLE-NUTS.—A lot of 104 bags from Manilla sold at from 15*s.* 6*d.* to 16*s.* 6*d.* per cwt.

CASSIA FISTULA.—Seven bags of very wormy and dry Dominican sold at 70*s.*, and for two bags of fair bold sound and fresh 78*s.* was paid.

COCA-LEAVES.—A lot of 28 bales ground Java sold at 1*s.* 6*d.* per lb., and for three odd bags in another catalogue 1*s.* was paid.

CUBEBS are still held at 18*l.* per cwt., but no business was done.

DRAGON'S-BLOOD sold at an advance of about 4*l.* per cwt., 15*l.* being paid for two cases of good fair Zanzibar drop, and for a case of blocky pickings 6*l.* per cwt. was paid.

EUCALYPTUS OIL.—Twenty cases, analysing 66 per cent. of cineol, were limited at 2*s.* 7*d.*

GAMBOGE is quiet; good Siam pipe, slightly blocky, can be had at 35*l.* per cwt. where it is required for export or for use in this country for druggists' purposes, but for gum without Government restrictions 45*l.* is asked.

GUAIACUM.—The offerings included a cask of good glassy loose drop, which was bought in at 6*s.*, and for common drossy block 2*s.* 6*d.* was wanted.

GUM ACACIA.—Two bags of good slightly yellowish Kordofan sold at 100*s.* per cwt., two bags of good bright siftings at 90*s.*, and two bags of hard amber sorts at 87*s.* 6*d.* per cwt.

HONEY.—The offerings, which were on a much reduced scale, were much poorer in quality, little choice being offered, while the grading had been badly done. Competition was fairly keen, and prices considering the poor quality were 5*s.* to 10*s.* dearer, the following rates being paid: *Chilian*, 314 kegs offered and sold, palish brown set and setting, 142*s.* 6*d.* to 146*s.*; dark setting, 143*s.* to 144*s.*; brown liquid, 144*s.* to 145*s.*; dirty setting, 137*s.* 6*d.* to 140*s.*; fermenting and spongey, 139*s.* *Californian*, 140 cases offered and sold, amber setting and set at 149*s.* to 153*s.* *Cuban*, in cask (25 offered and 10 sold), good set palish at 146*s.*; yellow set and setting at 147*s.* *San Domingo*, 51 casks offered and sold, palish set in casks, 139*s.* to 145*s.* *St. Vincent*, four casks brown set sold at 142*s.* *St. Lucia*, 16 packages and 29 cases offered and sold, including brown set in casks, at 135*s.*; brown set and setting in cases, 144*s.* to 150*s.* *Jamaica*, 34 barrels offered and sold, including good pale set, 150*s.* to 155*s.*; brown set, 148*s.*; dull liquid, 150*s.* to 153*s.*; and inferior black liquid, 75*s.*

IPECACUANHA is slightly easier, five bales of Matto Grosso selling at from 11*s.* 2*d.* to 11*s.* 3*d.* for fair bright, and for ordinary stemmy a bid of 11*s.* 1*d.* is to be submitted. Cartagena was limited at from 11*s.* to 11*s.* 6*d.* per lb., and sales have been made at the lower price.

KOLA sold at firm rates. 18 bags of Java being disposed of at from 8½*d.* to 9*d* for fair to good bright, mostly halves, 7¾*d.* for small halves, and 6½*d.* for part wormy. Forty-five packages of West Indian, mostly Jamaica, sold at from 8¾*d.* to 9¼*d.* for fair to good bold and at 7*d.* to 8*d.* for mouldy.

LIQUORICE-JUICE.—A lot of 100 cases Spanish (80-per-cent. extract, soluble in cold water) sold at from 325*s.* to 336*s.* per cwt., the bulk at the lower price.

MYRRH sold at a slight advance, four bags of ordinary Somali sorts, partly blocky, selling at 10*l.* 2*s.* 6*d.* per cwt.

PEPPERMINT OIL.—Five cases of American (J. B. H. brand) sold at 15*s.* 6*d.*, and 10 cases of *Todd's* at from 16*s.* 9*d.* to 17*s.* 9*d.* per lb. (in prize).

QUILLAIA.—In the drug-auction about 8½ tons fair average quality were limited at 52*s.* per cwt.

RHUBARB was rather easier, 10 cases of Canton selling without reserve, including 1*s.* 10*d.* to 2*s.* for medium to bold round, three-quarters pale fracture and rather wormy, and 1*s.* 11*d.* for medium flat Canton slightly wormy. Three cases of Shensi pickings, with three-quarters fair pinky fracture, sold under usual conditions at 1*s.* 9*d.* subject. Medium to bold flat High-dried, with three-quarters pinky fracture, was limited at 2*s.* 6*d.* per lb., and for medium to bold flat Shensi, with three-quarters good pinky fracture, 3*s.* 6*d.* was wanted.

SARSAPARILLA was about steady, two bales of fair grey Jamaica realising 3*s.* 9*d.*, but the bulk of this description (34 bales) was held for 4*s.* Two bales of Lima-Jamaica offered and one sold at 3*s.* 6*d.* for part mouldy. Native Jamaica sold at full-up rates, 12 bales being disposed of at 2*s.* 3*d.* per lb. for ordinary red and yellow native mixed.

SENEGA.—Seven bales of ordinary lean sold at 4*s.* 6*d.* per lb.

SENNA.—Quiet; 35 bales Tinnevelly sold at unchanged rates, including fair greenish leaf at 6½*d.*, middling greenish at 4¼*d.* to 4½*d.*, and ordinary small yellowish at 3¼*d.* to 3½*d.* *Pods* sold at from 4¾*d.* to 5*d.* per lb.

TANNIN.—A lot of 29 parcels of commercial powder (Schering's make) sold without reserve at 7½*d.* per lb. net, no allowances.

TRAGACANTH.—Twenty-one cases of good pale firsts were limited at 40*l.*, 11 cases of fair seconds sold at 28*l.*, and 3 cases thirds at 23*l.*; while for 2 packages fourths from 20*l.* 10*s.* to 21*l.* was paid.

WAX, BEES', was generally quiet, about 40 packages of Mozambique being disposed of both privately and in auction at from 9*l.* to 9*l.* 5*s.* for ordinary to fair brown block. Of Madagascar 10 bags were disposed of at 9*l.* 15*s.* for fair brown block. No sales of Jamaica were made.

WORMSEED OIL.—Three cases of Fritzsche Bros. brand (in prize) sold at from 37*s.* to 38*s.* 6*d.* per lb.

Arrivals of Chemicals, Drugs, etc.

THE following arrivals have taken place at the Ports of London and Liverpool:

To London
(January 5 to 11).

Aloes, 60 cs.
Antimony, crude, 25 tons: reg., 25 tons
Argol, 869 bgs.
Arsenic, 578 cwt.
Calabar beans, 24 cwt.
Calamus-root, 47 bgs.
Camphor, 55 cs.
Casein, 2,184*l.*
Chemical prod., unrated, 5 cs.
Chlorophyll, 7 cks.
Cream of tartar, 8 cks.
Dental goods, 1,049*l.*
Dyestuffs, tanning materials, etc., unrated, 340 kgs.; cutch, 600 bxs.; indigo, 75 chts. 1 cs.; mimosa ext., 1,266 bgs.; myrabolans, 11,874 pockets; tanners' bark, 954 tons; vegetable dye, 22 cs.
Emulsions, 1,536 pkgs.
Ergot, 11 pkgs.
Gelatin, 1,531*l.*
Henbane, 33 bls.
Herbs, dried, 67 bls.
Ipecacuanha, 9 bls. 10 pkgs. 1 cs.
Kola, 158 cwt.
Menthol, 60 cs.
Nuts and kernels (cwt.): arachis, 7,120; copra 1,755; palm-kernels, 28,970
Oils, essential, 296 cs. 29 drms.; anise, star, 75 pkgs.; eucalyptus 406 cs.; *synthetic*, 3 cs.
Oils, fixed: arachis, 1,000 cs.; coconut, 352 cs. 29 pkgs. 309 pps. 16 pns. 10 hhds. 733 cks.; fish, 750 cs.; linseed, 28 brls.; palm, 863 cks.; shark, 500 cs.; vegetable, 2,045 cs.
Perfumery, unrated (mostly raw materials), 506*l.*; toilet-powder, 361*l.*
Potash carb., 142 cs.
Pumice stone, 13 tons
Resin, 109 cks.
Saltpetre, 1,000 cwt.
Sarsaparilla, 15 bls.
Seeds (bgs.): annatto, 3; beni, 50 brls.; castor, 1,669; coriander, 205; cotton, 7,909 tons; fennel, 200; dill, 236; lin, 2,463; mustard, 864; sunflower, 85
Soap, toilet, 37*l.*
Soda nitrate, 40,000 cwt.
Starches (cwt.), 565; farina, 1,710; potato-flour, 3,756; rice, 60
Talc, 212*l.*
Theobromine, 4 cs.
Thorium nit., 2,120*l.*
Wax, not described, 43 pkgs. 52 cs. 95 bgs.
Wax, paraffin, 7,804 cwt.
Wine-lees, 1,886 bgs.
Cancelled entry: December 13, 100 brls. cream of tartar.

To Liverpool
(January 7 to 12).

Aspirin, 4 brls. 20 cs.
Balsam tolu, 9 cs.
Betanaphthol, 7 brls.
Bronze powder, 12 cs.
Camphor, 90 cs.
Cascara sag., 458 bgs.
Celluloid, cr., 35 cs.
Chemicals, unrated, 1 cs. 150 bxs. 304*l.*
Chlorophyll, 4 cs.
Cinchona, 98 bls. 17 pkgs.
Cocaine, 1 cs.
Copaiba, 2 brls.
Coumarin, 5 cs. 1 bx.
Creosote, 20 cs.
Dental goods, 894*l.*
Drugs, unrated 45 cs. 14 bls. 101 bgs. 8 kgs. and 447*l.*; medicines, unrated, 10*l.*
Dyestuffs, tanning materials, etc., 5 cs.; chestnut ext. 1,717 brls.; cutch, 3,400 bxs.; fustic, 8 tons; gambier, 250 cs. 623 bgs.; logwood, 24 tons; logwood ext. 198 cks. 84 brls.; myrabolans, 2,000 pockets; quebracho ext., 45 bgs.; sumach, 1,450 bgs.; tannin, 12 brls.; tanning ext., 430 brls. 6,301 bgs.
Gum acacia, 179 bgs.
Isinglass, 54 bls.
Lithopone, 448 cks. 2,037 brls.
Nuts and kernels (bags): arachis, 3,261; copra, 400; palm-kernels, 107,150 bgs. and 850 tons
Oils, essential, 5 cs.; peppermint, 20 cs.
Oils, fixed; arachis, 500 cs.; fish, 550 cs.; palm, 925 cks.; whale, 2,276 tuns 4,863 brls. 13 hhds. 1,213 drms.
Paraphenylenediamine, 7 brls.
Perfumery, unrated, 524*l.*
Pumice stone, 257 bgs.
Rosin, 48 cks.
Salol, 10 cs. 62 pkgs. and 310*l.*
Saltpetre, 3,640 bgs.
Seeds: cotton, 1,129 tons; lin, 11,326 bgs.; sunflower, 120 bgs.
Soda nitrate, 26,731 bgs.
Soda salicylate, 34 kgs. 11 cs.
Starches (bags), 175; dextrin, 645
Talc powder, 6,015 bgs.
Tannic acid, 10 brls.
Thorium and cerium nit., 24 cs.
Veratrine, 3 cs.
Wax, bees', 33 bgs. 3 bls. 1 cs.
Wax, carnauba, 53 bgs.
Wax, paraffin, 615 brls. 400 bgs.
Wax, vegetable, 36 cs. 43 bgs.

OXYGEN.—An Order was issued in Germany, and came into force on November 15, whereby the price for compressed oxygen from the works is fixed at 1.60m. per c.m., and the erecting of new or the extension of existing plant for the manufacture of oxygen is prohibited.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Profits on Proprietaries.

SIR,—The publication of the result of the election to the Council of the Proprietary Articles Trade Association comes at an opportune moment, when correspondents from all parts of the country are expecting some action from this Council. Although I have for many years been a member of the P.A.T.A., I have never seen the articles of association, rules, balance-sheets, reports of proceedings, or any discussions relating to the financial interests of the retailers concerned. The idea is abroad that it is a close corporation, that its revenue is mainly derived from manufacturers and wholesalers. Many chemists are not subscribers, but there appear to be 5,500 voters, represented by 12 retail chemists; while 24 Councillors vote for 350 wholesalers. No one suggests that our representatives do not do their best, but the fact remains that suggestions submitted by retail Associations from time to time are said to receive favourable consideration, but there it ends; no definite result or advantages are gained. Seeing that it is absolutely necessary for the retail chemists as a body to have some active organisation for their trading interests, and knowing that all the chemists seem to rely on the P.A.T.A. for help instead of trying to help themselves, I asked the opinion of the Secretary, and was informed "That the constitution of the P.A.T.A. does not admit of its developing into a chemists' trade union." We all know that Mr. Glyn-Jones is personally engaged in much more important work than reconstruction of a chemists' union, therefore I think the Acting Secretary, together with the twelve Councillors who represent us, should be asked to give the fullest information of the work completed, and what is likely to be done in future. If the P.A.T.A. can do no more than fix uniform selling-prices which do not yield a living profit to the retailers, but enable the manufacturers to market their proprietaries at advanced prices which must give an excess profit to them over what they could realise in an open market, it is time for the 6,000 chemists in business to co-operate and form a Society of their own with a much wider range of usefulness and a salaried organising agent, whose sole duty will be to look after their interests alone. Since the extreme "cutting" days the wholesale prices of patents have risen very considerably, and it should be specially noted that the new introductions under the wing of the P.A.T.A. are mostly on the stereotyped 20 per cent. gross rating of discount to the retailer, while proprietors would not have found many buyers under 33⅓ per cent. in an open and unprotected market. The proprietary-medicine trade is increasing to such an alarming extent that in time no galenical, cough-mixture, tonic, aperient, or non-poisonous drugs will be sold under their proper name, but marketed at fancy prices to the advertiser, and 6 per cent. net commission for the "young lady" or the rent of a penny-in-the-slot machine. There are in the country 8,000 chemists' shops, 1,500 of which are company stores, but these cannot include the 7,000 patent-medicine licences held by the co-operative societies, and it should be noted that these corporations are wholesalers as well as retailers, and doubtless purchase proprietaries at least 10 per cent. cheaper than the average chemist. The "co-ops." pay no income-tax, equivalent to another 5 per cent. advantage, and it remains to be proved whether the manufacturers will favour these competitors to our own disadvantage. I have every confidence that our representatives on the Retail Section will at least get "face-value," and when they know the position of affairs will do all in their power to put other matters on a more open and equitable basis. If unable to do so, perhaps they may explain the difficulties they have to contend with.—Yours faithfully,

J. J. JACKSON
Hereford. (Chave & Jackson, Ltd.).

SIR,—I have been reading with the greatest interest the letters on profits on proprietary articles, and admire those correspondents who demand that these goods should be sold at face-value. But even at face-value let us make sure that they yield a living profit. What this exact profit should be depends largely on the ease or amount of introduction necessary to make sales—*i.e.*, a well-advertised and quickly sold article might be retailed at 20 per cent. profit for cash, whereas goods that necessitate actual work of selling should bear not less than 33⅓ per cent. protected profit. There is one side of the question that does not appear to have been mentioned by any correspondent—viz., the terms on which the P.A.T.A. will allow articles to be protected. I am afraid I shall raise a hornets' nest, but I think this matter should be ventilated, as I do not think the retailer is properly represented in this Association—perhaps his own fault through lack of combination. I maintain he does not get the advantages he ought, as the following example will show. Some years ago I was interested in a proprietary eau de Cologne, which was advertised mostly by the good will of the chemists who handled it. Wishing to ensure that all the trade should get a protected profit, the firm with whom I was connected approached the P.A.T.A. to make fixed terms. The suggestion was that

> All chemists were to have 20 per cent. profit and the wholesaler was to have his 10 per cent.; but in addition to this we offered all who bought a 5*l*. parcel a further 15 per cent., but the Council would not agree to this. They insisted that the wholesaler who only bought in half-dozen lots should have the 20, 10, and 15 per cent. on *all* he bought. We were inclined to include the wholesale in the 5*l*. parcels and allow the extra discount, but were informed this would not be acceptable. The Council insisted on all the discounts on all purchases, whether quarter-dozens or not. Consequently, we withdrew from the P.A.T.A., and carried out the scheme by direct arrangement.

Now, I maintain that if the retailer were properly represented on the Council he would see that it was to his interest to have such a benefit carried out, and consequently he would be making better profits on some of the proprietary lines he handled. Yours faithfully,

Birmingham. E. JAMES.

SIR,—I am a bit disappointed that Mr. Wolff has not furnished some data to prove his figure of a 5-per-cent. establishment-charge on proprietaries. With some other chemists I am prepared to spend not only a moment or two, as he suggests, in thinking over the matter, but spend a month or two having the matter settled on a sound actuarial basis, that we may present real figures to the manufacturers and wholesalers, many of whom have treated us with fairness in the past. The sale of proprietaries is not a side-line that chemists can discard at will. It is a necessary part of our legitimate business. Especially does this apply to invalid and infant foods. That being so, we hold they should bear their fair share of our overhead charges. My rent is 100*l*. a year. At least one-fourth of the available space at my disposal is taken up with stocking proprietaries. Will Mr. Wolff say if I am justified in charging 25*l*., one-fourth my rent, to establishment-charges on proprietaries, and, if not, what proportion I may charge, or if I must let them sit rent free. He refuses to saddle proprietaries with anything but the actual time spent in handing them to the customer, but unfortunately our expenses are running on in the intervals between customers, and some part of our business must pay for these intervals. I should be pleased if Mr. Wolff, as a successful business man, will let us have some hints as to what should or should not be included in any methods we may adopt to get out these establishment-charges. I shall be very pleased to show him my books, of which, as a chemist, I am rather proud. An analysis of my own business figures has been one of my hobbies for some years, and therefore I have welcomed the opportunity of comparing them with the interesting figures published during this correspondence.

INQUISITIVE. (239/7.)

SIR,—I should like to inform "Jay Mack" that I have been interested in several good-class businesses. The average turnover in patents never exeeeded 25 per cent. We are a poor lot if we allow the proprietors any longer to dictate to us the terms on which we will handle their goods. Surely we can insist on proper payment for our services, and now is the opportune moment. The good will of the chemist is a valuable asset to the proprietor. If we are firm in our demands we shall receive consideration. As a guide may I point out the recent decision of the Tobacco Control Board?—"The first consideration of the Board was the public." After that the Board endeavoured to act fairly between the manufacturer and the retailer. The outcome of this is that the retailer is now assured of a profit all-round of 20 per cent.; and this on "tobacco," cheaply handled, and no responsibility. *Verb. sap.*

"1868."

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Carrot-tops as Soup-flavour.

"It is being recommended to gather carrot-tops and dry them for use as a soup-flavour. I should like to point out that there are several poisonous weeds found in gardens which might be mistaken for carrot-tops."—*M. Grieve* (161/37).

Indicating Price-protected Articles.

Moorgate (230/60) suggests that it would be a good move for the Proprietary Articles Trade Association to issue a small distinctive adhesive price-label which manufacturers of patents could affix to those goods which were on the P.A.T.A. protected list. This would save much difficulty to the retailer in pricing, and would act as an indicator to the salesman as to which goods he should as far as possible keep in the background.

Jay Macksims
(as he writes them).

1. "Xrayser" speaks of "ginger." What we need is death or a lethal chamber for "last ditchers."
2. More guineas wanted, says "Xrayser," and hints at fewer benefits. The only real benefit would be for the Council to resign in a body—the only honest, manly course.
3. If they do, I will wager 100*l.* that the Pharmaceutical Society could be made prosperous and powerful at one meeting in London; after that, only one meeting a year would be needed.
4. If they give me a free hand on February 1, I will deliver the goods by March 30.
5. I will ask only the Treasurer to help me, and I will guarantee to carry Woolcock and two other men with me in ideas.
6. There is no law to prevent the Council resigning in a body. The whole trade would welcome it: no tears would be shed for a forty-year-old failure.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

W. N. (236/71).—*Bona-fide* use of the description "Manufacturing Chemist" is not an infringement of the Pharmacy Acts, but where the words are employed in connection with a retail business and the proprietors are not registered chemists, or if a company carrying on business in conformity with the Pharmacy and Poisons Act, 1908, it is an offence against the law.

Veritas (226/23).—(1) Section 16 of the Pharmacy Act, 1868, provides for the carrying on by the executor, administrator, or trustee of the business of a deceased chemist so long as the business is conducted by a duly qualified chemist. Section 3 (2) of the Poisons and Pharmacy Act, 1908, requires each shop to be conducted by a chemist, and his certificate of qualification to be exhibited therein. (2) The managing director of a company pharmacy may not describe himself as a chemist if he is not registered as such. The company may, however, be described as carrying on the business of a chemist providing the conditions laid down in the Poisons and Pharmacy Act are observed.

Will (229/12).—Is there any penalty for failing to prove a will within a certain time after the testator's death? What is the difference between real and personal estate; and under which heading does a life policy fall? May a will be proved without a solicitor? [We know of no law which imposes a penalty for failing to prove a will. An interested party can, however, take legal proceedings to enforce the proving of a will. Speaking broadly, interests in land, other than leaseholds, are real property; while all other kinds of property, including leaseholds, are personal property. Life policies are, therefore, personal property. It is not essential to employ a solicitor to prove a will.]

Nemo (233/39) wishes to know if in making his return for income-tax he is entitled to claim to enter as a deduction a weekly sum representing the board and lodging which he now furnishes to his daughter, who is serving as apprentice to him, and, if so, what we think would be a fair amount to claim. [We do not think that, in these special circumstances, "Nemo" can claim a deduction. Although a person assessed for income-tax on the profits of a business is entitled as a rule to deduct from his returns any expenditure necessarily wholly and exclusively incurred by him in making the profits on which he is charged, it is not permissible to deduct for any disbursements or expenses of the taxpayer himself, or of his family or establishment.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Hydrastis (206/44). — MILK-PRESERVATIVE. — The white powder to which you refer is probably a mixture of boric acid with either borax or sodium bicarbonate as follows:

1.		2.	
Boric acid	4 parts	Boric acid	3 parts
Borax	4 parts	Sodium bicarbonate	1 part

Mix the powders and allow to stand for twenty-four hours in the air, when they become damp. Dry and powder.

The directions read as follows:

To prevent milk and cream from turning sour in hot, close, or thundery weather, one dessertspoonful placed at the bottom of the pail before milking is commenced will be sufficient for 3 gals.—the milking will rapidly and thoroughly dissolve it; for a pint of milk a pinch may be used.

It should be noted that milk for sale in Great Britain may not contain boric acid, and conditions are imposed upon the use of boric acid in cream.

R. E. I. (197/21).—STICK SALVE.—You could employ a mixture of yellow beeswax, resin, and Burgundy pitch as the basis for a lead-free stick salve. We have not worked out the quantities, but a few experiments will indicate the proportions needed to obtain the required solidity.

H. C. D. (198/5).—DYEING BILLIARD-BALLS.—The method described in "Pharmaceutical Formulas" is as follows:

(1) Wash the ball by immersing in benzine for a few minutes; take it out, pour some benzine over it, and wipe dry.

(2) Dip it in an acid bath—30 drops of nitro-muriate of tin solution to 3 oz. of water. Allow to remain in the bath for a few minutes. An alternative cleaning-process is to wash the ball in a warm solution of soda (½ oz. to the pint), then in dilute nitric acid (5 per cent.) for twenty minutes, and finally with cold water.

(3) Give it the dye-bath.

The following are the dyes: *Red*, aniline cardinal 1 in 20 of water; *blue*, methyl blue gr. x., water ʒj.; *green*, diamond green 1 in 20 of water; *yellow*, potassium chromate 1 in 20, followed by lead-acetate solution 1 in 20.

G. H. M. (226/12).—SUPERFLUOUS HAIRS may be removed by the use of chemical depilatories, the action of which resembles the effect produced in shaving with a razor, in that the effect is not permanent. Electrolysis, which destroys the hair-bulbs, produces a permanent result, but in certain circumstances the process leaves unpleasant scars on the surfaces which have been treated by this method.

J. C. (229/46).—REMOVING INCRUSTATION FROM COPPER TUBES.—The use of weak hydrochloric acid is the least objectionable method we know of for removing lime deposits from the interior of copper tubes. Copper is only very slowly soluble in weak hydrochloric acid, and if, so soon as the lime deposit has been removed, water is run through the tubes, the action will be reduced to very narrow limits.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Jan. 15, 1868.

John Mawson.

The terrible explosion of nitro-glycerine, which has brought sorrow into many homes in Newcastle-upon-Tyne, has removed an honoured name from the roll of the Pharmaceutical Society. Mr. John Mawson, the Sheriff of Newcastle, was applied to for assistance and advice in the removal of a large quantity of nitro-glycerine (originally intended for mining purposes) which had been found warehoused in the very centre of the town, and it was whilst superintending its disposal that an explosion took place, inflicting bodily injuries so frightful that death was but a release from suffering. Mr. Mawson was best known amongst pharmaceutists in connexion with his extensive business in photographic chemicals and scientific apparatus. Of recent years, being relieved from close attention to these branches of trade, he had been concerned in the manufacture of some of the heavier chemicals largely produced in the district.

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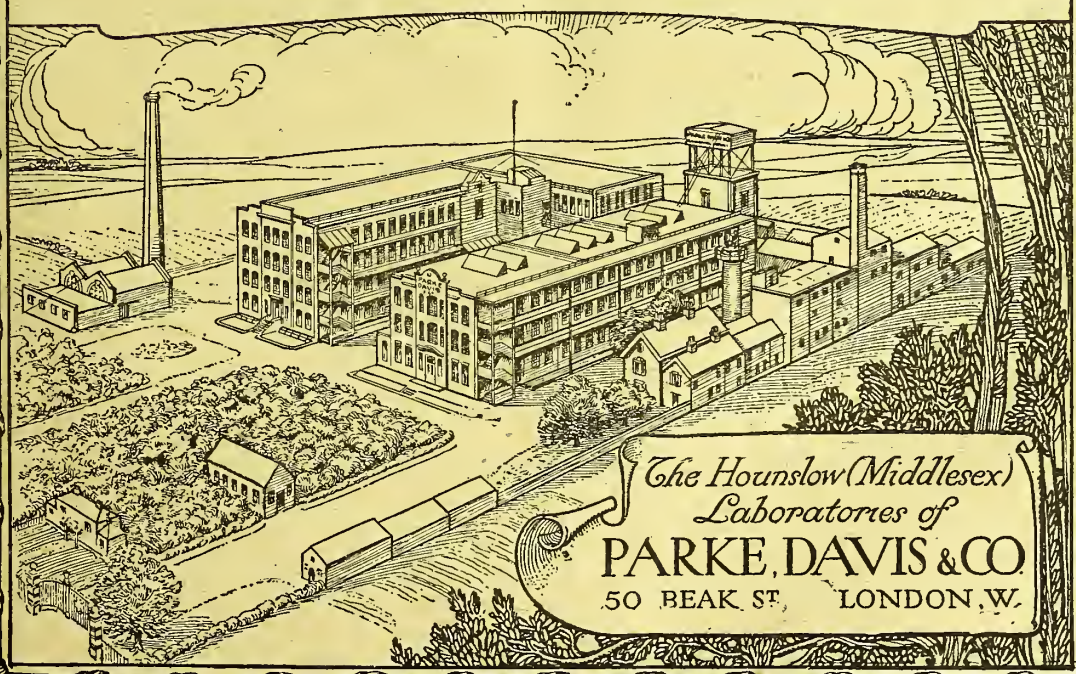

T.J. 4.

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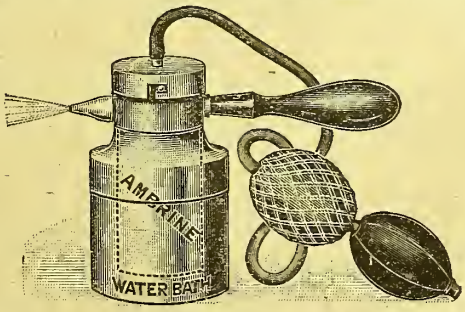

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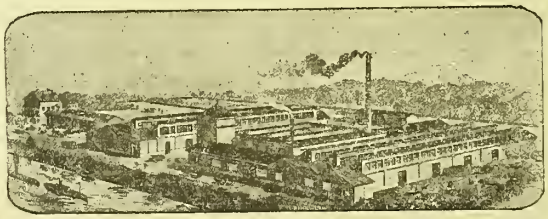

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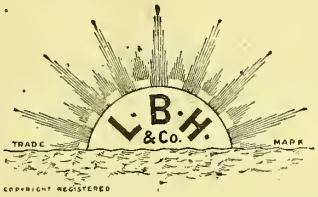

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Wellington Works, Battersea Bridge, S.W. 11.

EUCALYPTUS OIL
(RECTIFIED).
Eucalyptol Content ... ... 70/80 %
Optical Rotation ... ... 0 to 1
Specific Gravity ... ... ·919 to ·928
Absolutely Free from Phellandrene.
Quotations by cable. Wholesale Trade only.
BURNSIDE & COMPANY
Eucalyptus Oil Distillers,
VICTORIA, AUSTRALIA.
New Postal Address— 439 Flinders Lane, Melbourne. Cables—"Burnside Company, Melbourne."

SANDALWOOD OIL. WHIFFEN & SONS, Ltd., are Sole Consignees of the
MYSORE GOVERNMENT Standard Product.
Complies with requirements of all Pharmacopœias.
Samples can be had upon application to WHIFFEN & SONS, LTD., Lombard Road, Battersea, S.W. 11.
Telephone—254 and 255 BATTERSEA.

PURE ORANGE WINE
A. MILLAR & CO., LTD., DUBLIN
(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
London Agent [illegible] 40 GREAT TOWER STREET, E.C.

"RAILOX" THE BEST, CLEANEST & HANDIEST
NIT & LICE DESTROYER.
NO GREASE OR LIQUID. NON-POISONOUS.
Price 2d. and 6d. per packet.
"RAILOX" is made up in Pocket Wallets specially for "Tommy."
3 doz. 4/- | 2 gro. 2½ % Carriage paid. | 13 to the dozen for cash with order.
6 „ 7/-
12 „ 13/-
MILNER'S CHEMICAL CO., LIVERPOOL.

CANADIAN BUSINESS. Canadian concern, well connected in the trade, wishes to get in touch with Manufacturers of Chemicals, Druggists' Sundries, and other Pharmaceutical Products, with a view of representation in Canada now or after the war.
The firm also requires someone well acquainted with the wholesale Drug trade to act as buyer in London on a commission basis. References exchanged.
Send correspondence to P.O. Box 684, Montreal, Canada.

Viuda de José Solernou
Diputacion 164, Barcelona, Spain.
AGENCY & REPRESENTATIVE HOUSE. ESTABLISHED IN 1875.
Member of the British Chamber of Commerce at Barcelona.
AGENCIES WANTED FOR GOOD-CLASS CHEMICAL AND PHARMACEUTICAL SPECIALITIES.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, JANUARY 19, 1918

This Supplement is Inserted in every number of The Chemist and Druggist.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. **Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London."** (Three words counted as two.)

EARLIER CLOSING FOR PRESS.

WILL intending Advertisers please note that until further notice all Advertisements for THE CHEMIST AND DRUGGIST SUPPLEMENT must be in the Publisher's hands not later than

FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to *post* all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—MIDDLESEX (few miles out).—Good-class Dispensing and Retail Business, producing a net income of £500 per annum; terms, valuation of stock and fixtures, and premium for lease and goodwill.

2.—LONDON (Suburban), S.W.—Retail and Dispensing Business, situate in main thoroughfare of good middle-class locality; returns over £1,600; the shop is well fitted and thoroughly stocked; convenient residence, with private entrance and garden; price £500; stock and fixtures were recently valued at £730; this is an opportunity seldom met with.

3.—LONDON, N.—Middle-class Business; Retail Dispensing, and good sale for own proprietaries; gross receipts £800; *net profit* £200; price £250, less than value of stock and fixtures.

4.—MAYFAIR.—Lock-up Pharmacy; Retail and Dispensing; returns £1,200; gross profit about £700; books open to inspection; vendor, having taken up another business, will make some sacrifice for a speedy transfer.

5.—WEST KENSINGTON.—Good-class Retail and Dispensing Business for disposal through death; returns £800, formerly £1,000; excellent opening for an energetic man with small capital; comfortable residence; new lease; full investigation is invited; price £400, or valuation of stock and fixtures.

6.—FINSBURY PARK (near).—Cash Retail Business and own Proprietaries; position is exceptionally good, and the returns can be much increased; present rate about £1,200; owing to a breakdown in health an immediate sale must be effected; terms, valuation of stock and fixtures.

7.—HACKNEY.—Ready-money Business; held by vendor upwards of 25 years, now retiring; returns average between £1,100 and £1,200 per annum; net profit one-third; vendor's own property; new lease; price £550.

8.—WESTERN COUNTY.—Good-class Retail and Dispensing Business, situate in popular health resort; returns average over £1,200; net profit, after all expenses paid, £300; rent £55; price about £950, estimated value of stock and fixtures.

9.—SOUTH COAST (near the Solent).—Retail, Dispensing, and Prescribing Business; practically no patents sold; returns £500 at good prices; rent £30 yearly; price £250.

10.—IN THE HEART OF THE COUNTRY (practically no opposition).—Good Middle-class Retail; established many years; gross receipts £850; scope for development under energetic management; net profit over £250; well-appointed shop and modern residence, with garden stocked with fruit and rose trees; valuation terms entertained.

11.—PARTNERSHIP.—A Partner required in a very old-established Business, situate in a Home County; returns last year exceeded £4,000; excellent opening for an energetic man to succeed to the whole within a few years; valuation terms entertained.

12.—HOME COUNTY (Health Resort).—Modern Pharmacy, situate in the principal street; returns exceed £1,000; full investigation permitted; the shop is nicely fitted and fully stocked; convenient residence; terms, valuation of stock and fixtures and £100 premium.

13.—KENT (Market Town).—Modern Ready-money Business, situate in pleasant district; returns about £1,000; the business admits of extension; terms, valuation of stock and fixtures.

14.—YORKS.—Family Retail Dispensing and Agricultural, with own Proprietaries in good demand; returns £800; net profit, after all expenses paid, £200; rent £28; including good six-roomed house, garden, warehouse, and yard; terms, valuation of stock and fixtures.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 Central.

NO CHARGE TO PURCHASERS.

1.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position, well stocked; price for prompt sale, £400, or near offer.

2.—KENT (Suburb).—Good progressive Middle-class Business; no booking; returns £1,850; *net profit* £450; books properly kept; convenient house; handsome Pharmacy, heavily stocked; price £50 and valuation; about £1,000; strongly recommended.

3.—NORTH WALES COAST.—Unopposed, sound Light Retail, returning £700; *net profit* £250; up-to-date Pharmacy, well-fitted and stocked; price £300 or valuation.

4.—LEICESTERSHIRE.—Sound Cash Drug Store in small town; returns average £630; *net profit* £200; good house and Pharmacy, well stocked; price £300 or valuation.

5.—WEST END.—High-class Dispensing business in prominent position; returns average over £2,000; *net profit* £620; excellent chance for two smart men; price for quick sale £950, or small goodwill and valuation.

6.—LONDON, S.W. (Good Residential Suburb).—Sound, progressive, good-class Business; returning over £1,900; main road position; good residence; attractive Pharmacy; well stocked; price for quick sale £500; only requires seeing.

7.—NORTH LONDON (Healthy Suburb).—Sound progressive Cash Business for immediate disposal through serious illness; returns £1,150; *net profit fully* £300; fine modern Pharmacy; excellent main road position; low rent; price £750 or offer.

8.—LONDON (Distant Suburb).—Good middle-class Cash Retail; chiefly Prescribing; returns £14 weekly, increasing; *net profit about* £300; very low rent; fully stocked; price £475 or valuation; £200 cash; balance by instalments; trial allowed.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early, having only a few open dates between now and the end of March. Full particulars and terms sent on application.

Ex Prize Court, and various Steamers

MESSRS.

TOPLIS & HARDING

Are instructed to SELL by AUCTION at

The Association Minor Hall, Mount Street, MANCHESTER,

on Tuesday, January 29, 1918,

At 12 noon precisely, a large quantity of

Aniline Dyes (Acid and Sulphur Colours),

MADRAS INDIGO, NATURAL GUM, ANHYDROUS LANOLINE, PRUSSIAN BLUE, BARK EXTRACT, BLACK WAX, Etc. Etc,

also Miscellaneous Goods comprising 10,000 yds. NEEDLEWORK, EMBROIDERY, Embroidered Gown Voile, about 80 gross CORSET BUSKS, 4,000 yds. Cigar Lighter Cord, Indigo Serge 58 in. wide, 2 cases of Sponges, 160 Hamper Fittings, 1,000 yds. "ECRU" and Steel Grey Cotton Serge Lining, etc. etc.

The goods will be on view FOUR DAYS prior to the sale. Catalogues may be obtained and samples of the Dyes drawn at the AUCTIONEERS'

Offices, 21 Spring Gardens, Manchester.

Saleable Stocks of any description may be included in these Monthly Sales.

FOLLOWING SALE—END OF FEBRUARY.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS,

45a MARKET STREET, MANCHESTER.

Established over Half a Century.

Telegraphic Address: "Tomtom."

See Notice on Front Page of this Supplement.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

DEVON.—Proprietor of a good business is open to exchange for larger business in larger town; S.W. of England or Coast; would entertain an interest in large business; Optical experience. "F. S. M. C." (274/9), Office of this Paper.

LANCASHIRE.—Good-class Retail and Dispensing (private and N.H.I.) Business for disposal; handsomely fitted Pharmacy in high-class residential locality; price required £500; fullest particulars furnished on application. Address 275/10, Office of this Paper.

LONDON, N.—Complete Pharmacy, consisting of the whole Stock, Fittings, Fixtures, Window-enclosure Cases, Patents, Drugs, Sundries, Carboys, Outside Lamps, Book Debts; receipts to be sold to the highest tender immediately; rent, rates paid to quarter-day March; buyer continue business optional. Letters to view, "Emergency," 38 Berkeley Road, Crouch End, N.

LONDON, S.W.—Genuine Business for Sale in good residential locality; returns £1,900, increasing yearly; proprietor will manage for a time if necessary; about £500 required. Apply 274/13, Office of this Paper.

MANCHESTER (Suburb).—Old-established Chemist's Business; shop and residence; rent £40; late proprietor dead, widow retiring; returns £1,000; cash business; full investigation; stock and fittings about £500, or valuation; early sale desired; low price will be accepted. Apply William Walker, Solicitor, 20 Cross Street, Manchester.

AN exceptional opportunity occurs to purchase smart up-to-date Drug Store, splendidly situated in the West-End, well established, stocked and fitted, and doing high-class trade; this is a genuine war bargain, and to be sold for £100, stock and fixtures at valuation. Apply 274/33, Office of this Paper.

DEATH VACANCY.—The old-established Business of the late Mr. George Wright, Chesterfield, carried on by him for over 30 years; sound connection; excellent and profitable turnover; expenses small; price, valuation. Apply Exors., c/o W. Brinson, The Laurels, Chesterfield.

HIGH-CLASS Business; Dispensing and Light Family trade; average returns about £1,700; in a most pleasant district, suburb of a Northern city; large handsome double-fronted shop in shopping centre; rent £65; property of owner. Reasonable terms and other particulars from Thos. Tomlinson & Son, Chemists' Valuers, 45a Market Street, Manchester.

TO LET.

CHEMIST'S Shop and Parlour to be Let; prominent corner position, facing Public Baths; old-established; low rent; dwelling rooms if required. Apply 13 Prince of Wales's Road, Kentish Town, or to G. M. Gates, 15 Walbrook, E.C. 4.

SHOP to be Let; double-fronted; splendidly situated in shopping centre of main road, and fitted as a Chemist's; occupied by Chemist for nearly 50 years; good business just closed owing to illness; fixtures at valuation; rent £50 per annum, tenant paying rates and taxes. Apply Harry Hooper & Co., Surveyors and Valuers, Estate Offices, Millwall, 14.

PRIZE COURT SALE.

PRIZE COURT SALE.

IN PRIZE.

By Order and for Account of the MARSHAL OF THE ADMIRALTY.

To be Sold by PUBLIC AUCTION on WEDNESDAY, 6th February, 1918, at 26 King Street, Covent Garden, London, W.C.

Ex OGEECHEE, NIEUW AMSTERDAM, OSCAR II., and TRANQUEBAR.

A large Quantity of Brovalol and Trikresol, Assur-colour Pigment for colouring photographs, 104 boxes Tetanus Anti-toxin, Boracic Acid, and other Chemicals.

Further particulars may be had on application to the Auctioneers, DEBENHAM, STORR & SONS, LTD., 26 King Street, Covent Garden, London, W.C. 2.

PROPERTY FOR SALE.

TO CHEMISTS AND OTHER INVESTORS.

NEWPORT, SALOP.

VALUABLE OLD-ESTABLISHED BUSINESS PROPERTY.

MESSRS. POOLER, DAVIES & WHITE will offer for Sale by Public Auction, on FRIDAY, the 1st day of February, 1918, at the Royal Victoria Hotel, Newport, Salop, at 5 p.m., and subject to conditions:—

The centrally situated FREEHOLD PROPERTY now in the occupation of Mr. J. H. Llewellin, Chemist, having a commanding position in High Street, Newport, Salop, comprising Dwelling House, Shop, Outbuildings, and large Garden. Town Water and Gas.

A Chemist's Business has been carried on here for nearly a century. Vacant possession on completion.

Further particulars may be obtained from Messrs. Liddle & Heane, Solicitors, or the Auctioneers, Newport, Salop.

FOR SALE.

CHEMIST'S Shop Fittings complete (mahogany); bent Counter Cases, Floor and Wall Cases, Desk, Shop Rounds, etc. Terry, 87 Wilmslow Road, Withington, Manchester.

PARTNERSHIPS.

PARTNERSHIP desired in first-class London Dispensing business in good neighbourhood; net profit must be at least £500; capital available. Particulars, in writing, to J. Hext, St. Olave's, Elmer Avenue, Southend-on-Sea.

APPRENTICESHIPS.

YOUNG lady or youth required for a good-class Retail and Dispensing business. Terms upon application to A. Thresh, Pharmacist, Buxton, Derbyshire.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

RETAIL.

BIRMINGHAM (Suburb).—Young lady Assistant required for good-class Light Retail and Dispensing business; comfortable and permanent berth. "P. R." (273/353), Office of this Paper.

CHELTENHAM.—Assistant, lady or ineligible, required for high-class business. Nathl. Smith & Co., 373 High Street, Cheltenham.

DORKING.—Wanted (immediately), lady Assistant, qualified preferred, but not essential, for the Dispensing Counter; easy hours and usual half-holiday weekly; a young man not objected to if discharged from the Army. Apply to F. Strawson, Rose Hill, Dorking.

EAST SUFFOLK AND IPSWICH HOSPITAL (425 beds).—Wanted (at once), Pharmacist to take charge; salary £180 per annum. Apply Arthur Griffiths, Secretary, The Hospital, Ipswich.

EASTBOURNE.—Wanted (at once), lady or gentleman Junior Assistant (outdoors) for high-class Dispensing business. State salary with usual particulars, enclosing carte, to H. B. Browne, Pharmaceutical Chemist, Eastbourne.

HASTINGS.—Lady Assistant required (outdoors) in high-class Dispensing and Retail Pharmacy; must have previous experience in Dispensing and Retail. Apply, stating references, experience, and salary required, to Neve & Co., Proprietor: Harold E. Skyrme, 12 Wellington Place, Hastings.

KENT COUNTY ASYLUM, MAIDSTONE.—Temporary Dispenser required at the above Asylum; must be a Member of the Pharmaceutical Society and possess experience of the work of a large Institution; lady, or man ineligible for the Army; salary £2 6s. per week. Application should be made to the Medical Superintendent.

KNUTSFORD.—Assistant or Junior for good-class and mixed country business (outdoors). State salary, experience, etc., to Horrocks, Chemist, Knutsford.

LANCASHIRE.—Young lady Assistant required for Light Retail and Dispensing business; comfortable and permanent berth; would suit anyone just finishing apprenticeship. "B. S." (273/352), Office of this Paper.

LEICESTER.—Wanted (immediately), an Assistant; lady or gentleman. Goodess, Pharmacist, Uppingham Road, Leicester.

LIVERPOOL.—Wanted, a reliable lady Dispenser; hours 8.30 to 6.30, no Sunday duty, half-day Wednesday. Apply, giving full particulars, G. H. Cole, The Pharmacy, Blundellsands.

LONDON, N.E.—Outdoor Assistant, Counter, Dispensing, etc.; unqualified. Write, stating age, experience, and salary required, Tabor & Cresswell, 138 High Street, Kingsland, E. 8.

LONDON, N.W.—Lady Assistant required with Dispensing experience, and willing to assist at Counter. Apply, stating age, experience, and salary required, Greenish & Co., 20 New Street, Dorset Square, N.W. 1.

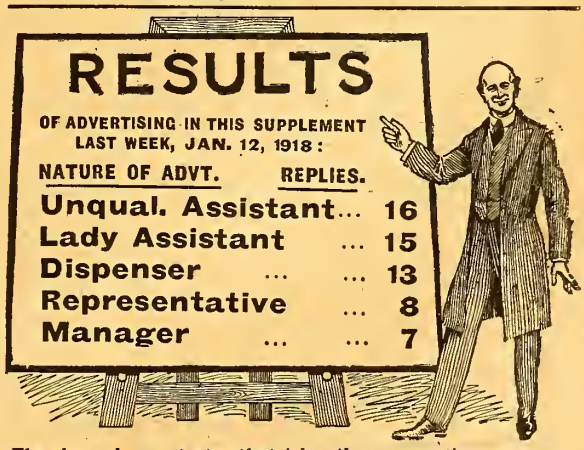
LONDON, S.W.—Energetic Assistant wanted (at once); well up in Photography and capable Window-dresser; permanency. Apply, giving full particulars, to Durbin's Drug Stores, 131 High Street, Putney, S.W. 15.

LONDON, S.W.—Wanted, lady Assistant; Hall qualification and some Retail experience preferred; outdoors. Full particulars and salary required to S. S., 436 High Road, Streatham, S.W. 16.

LONDON, S.W.—Assistant wanted in good-class Light Retail and Dispensing business; outdoors; easy hours. Holt Green, South Kensington Station.

LONDON, S.W.—Young lady required for high-class Pharmacy; must be a capable Dispenser and have had some Counter experience; permanent and progressive berth. Apply "S. S." (273/350), Office of this Paper.

LONDON, W.—Qualified lady required, whole or part-time, to assist in Dispensing and making preparations; must have had some shop experience. Apply, giving full particulars, to 274/31, Office of this Paper.



The above demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

LONDON SUBURB.—Wanted, for middle of February, an experienced and reliable Assistant for N.H.I. Dispensing and quick Cash Retail; must be well recommended; a good salary for suitable man. Apply to Davy, Chemist, Edmonton, N. 18.

LONDON, WEST-END.—Lady Dispenser required. Write to 274/16, Office of this Paper.

MANCHESTER.—Junior Assistant (lady or gentleman) for Counter and General Shop work, and some Dispensing. State salary required, Bates, Chemist, Brooks's Bar, Manchester.

MANCHESTER.—Qualified Manager required for business in a working-class district; permanent berth, with a liberal interest in the profits offered. "T. S." (273/354), Office of this Paper.

MANCHESTER DISTRICT.—Qualified Manager for Branch in good residential neighbourhood; easy hours, full half-day closing, and no Sunday duty. Also lady to take charge of a small Branch (no poisons). Particulars and salary required to "Managership" (272/10), Office of this Paper.

MANCHESTER DISTRICT.—Wanted, qualified Manager for Branch; Light Retail and a little Insurance Dispensing; comfortable house if required. Apply, with full particulars, age, experience, salary expected, to 272/14, Office of this Paper.

NANTWICH.—Good Assistant wanted for Light Retail in country town in Cheshire; outdoors; ineligible; short hours; good salary to suitable applicant. State full particulars and salary required to Young, Chemist, Nantwich.

NEAR LONDON.—Capable Assistant; large country and suburban business; suitable man would have support of Insurance Committee; only men who mean business should apply. Apply 274/5, Office of this Paper.

NOTTINGHAM (near).—Qualified Assistant wanted; easy hours; light duties; suit elderly man, or otherwise ineligible for Army, or lady; comfortable berth. Reply, with full particulars, to "Companion" (273/16), Office of this Paper.

SOUTH OF ENGLAND; Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

WEST RIDING, YORKS.—Wanted, a qualified lady Assistant for good-class Store business; take charge of Dispensing and assist at Counter. State experience, references, and salary required, 270/24, Office of this Paper.

WREXHAM, NORTH WALES.—Assistant wanted; must have good Counter experience; easy hours. Francis & Co., Chemists, Wrexham.

A QUALIFIED Assistant required for country business; easy hours and light duties; suitable for one partially disabled, or seeking semi-retirement. Full particulars, Shearman, 17 High Street, Haverhill, Suffolk.

ASSISTANT wanted; male or female; must be quick and accurate Dispenser, and be well recommended. Apply, with full particulars of salary required (outdoors), experience, etc., to A. C. Duke, 138 High Road, Willesden Green, N.W. 10.

COMPETENT female Dispenser required (at once) by a firm of Doctors in Berkshire. Full particulars as to experience, wages, etc., to 273/38, Office of this Paper.

EXPERIENCED lady Counter hand required; salary £2 per week. Please give references to Desmond, 203 Plaistow Road, Stratford, E. 15.

JUNIOR Assistant (lady or gentleman) for good-class Dispensing and Retail. Full particulars to Percy B. Gray, Pharmaceutical Chemist, Rugby.

JUNIOR or Improver; reliable and active; good wages to suitable young man; ineligible, early in February. Apply S. Cook, Chemist, Nottingham.

LADY Assistant wanted; some Pharmacy experience essential. Apply, stating experience and salary required, to Feltwell & Son, 90 Church Road, Barnes, London, S.W. 13.

MANAGER, qualified, ineligible, for Richmond Hill Pharmacy. Rex Blanchford, Chemist, 76 High Street, Wimbledon, S.W. 19. Telephone 543.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

OUTDOOR Junior wanted for good-class business; part or full time; would suit a young man studying at one of the South London schools. Apply with usual particulars, enclosing photo, to R. Banbury, 186 Lavender Hill, S.W. 11.

QUALIFIED Assistant wanted (immediately) to take charge of Branch; good-class Dispensing and Photography; South Coast. Apply 272/22, Office of this Paper.

QUALIFIED young man, single and rejected, required immediately; permanent berth, with good prospects of advancement. State age, salary required, and when at liberty, "H. L." (273/351), Office of this Paper.

QUALIFIED Assistant for Retail and Dispensing business in North town; N.H.I. Full particulars in first letter, 274/20, Office of this Paper.

REQUIRED, Dispenser for large West-End house; hours of work 8.45-6, 1 o'clock Saturdays, no Sunday duty. Apply, stating full particulars of past experience and salary required, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

REQUIRED for country business, unqualified lady Assistant; used to Counter work and having had general experience; small knowledge of Dispensing preferable. Apply "L." (223/49), Office of this Paper.

UNQUALIFIED, ineligible, for Light Retail and Photographic trade. Apply, stating full particulars, to "Nottinghamshire" (274/15), Office of this Paper.

UNQUALIFIED Assistant wanted; ineligible; good berth for suitable man. State age, salary, and reference in first letter, Taylor, Gibson & Co., 17 Bigg Market, Newcastle-on-Tyne.

WANTED (immediately), competent Assistant, lady or gentleman, for Counter and Dispensing; hours 9 to 8, with extra time for dinner; good salary to suitable person. Call or write, Simpson, Pharmacist, 22 Woolwich Common, S.E. 18.

WANTED, reliable Assistant; lady or gentleman; Counter and Dispensing experience; hours 9 to 8. Tittman, 213 High Street North, East Ham.

WANTED, a competent qualified Assistant; outdoors. Apply, stating age, experience, and salary required, to L. Cameron, Pharmaceutical Chemist, Seaford, Sussex.

WANTED (at once), qualified Manager for good-class suburban business; good Counterman and Prescriber; permanent berth; no N.H.I. Apply, stating salary, Northwood, 246 Lewisham High Road, London, S.E.

WANTED in high-class Dispensing business, lady or gentleman Assistant; if lady must have had previous experience. Apply, with full particulars, to J. W. Quibell, The Station Pharmacy, Golders Green.

WANTED, Dispenser, competent, to replace man ordered for service by Appeal Tribunal. Please state full particulars when replying to S. J. Coley, Ltd., 57 High Street, Stroud.

WANTED, lady Assistant for Retail; outdoors; Hall or knowledge of Dispensing; good salary to suitable Assistant. Apply, giving full particulars, to W. S. Potter & Co., Wholesale and Retail Chemists, Plaistow, E.

50S. TO £3 will be paid to a good unqualified Assistant, according to experience and capability, to start either at once or a month hence; hours 9 to 8, Saturdays 9, alternate Sundays 6-8.30, usual half-holiday. Hays, 147 Fore Street, Edmonton, N. 18.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CHEMIST required for manufacture of concentrated Beef Food product. Apply by letter, stating experience, C. R. 599, Deacon's, 7 Leadenhall Street, E.C. 3.

EXPERIENCED Countermen required for Wets and Drys; good wages to reliable men. "W. M. C.," Burgoyne, Burbidges & Co., Ltd., East Ham, E. 6.

GOOD Working Foreman for small soap plant and manufacture of toilet specialities, London. Apply "L." (237/60), Office of this Paper.

IMPORTANT FIRM of Wholesale Chemists' Sundriesmen invite application for position of Manager, to take sole charge of buying and staff, and call on leading customers; only men with first-class experience and ability need apply. Full particulars (treated in strict confidence) with remuneration required; salary and commission; big turnover. Apply 274/30, Office of this Paper.

JUNIOR Analytical Chemist; male or female; familiar with the usual British Pharmacopœia tests and able to ascertain alcoholic strengths. State particulars and salary required to "S." (239/5), Office of this Paper.

LADY required in Laboratory of London Wholesale Druggists to assist in Dispensing and junior clerical work. Apply "L." (238/15), Office of this Paper.

PROFITABLE Side Lines for Representatives already calling on Chemists. Write Box L. D. 226, c/o Jackson's, 19 Cullum Street, E.C. 3.

REPRESENTATIVES required to take up a well-advertised Proprietary on commission terms; 15 per cent. first orders, 10 per cent. on repeats. "H. L." (273/35), Office of this Paper.

REPRESENTATIVE for old-established Drug and Essence firm (Birmingham district); full particulars of past experience, age, salary, etc. Assistant (with good knowledge of Drug trade) to receive and check orders and invoice goods, etc.; would entertain applicant desiring to obtain interest in business. "Ph.C." (274/29), Office of this Paper.

WANTED, a Drug Clerk; well up in ordinary office routine, and quick and accurate at extension of invoices. State experience and salary required, R. Sumner & Co., Ltd., 40 Hanover Street, Liverpool.

WANTED, a first-class Traveller to call on Chemists and Doctors; qualified preferred; previous travelling experience in Lancashire and the North essential. Apply, stating full particulars and salary required, G. Steven & Co., 118 Chorlton Road, Manchester.

WANTED (immediately), Representatives with experience in calling on Chemists. Write, stating experience and terms, to Box L. E. 225, c/o Jackson's, 19 Cullum Street, E.C. 3.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

RANGOON.—Assistant; qualified; ineligible; about 25; salary 300 rupees per month, 325-350; three years' agreement; passage paid out and home. Apply 276/2, Office of this Paper.

REQUIRED for British Tropical Colony, an unqualified Assistant; age 23 to 26; ineligible for the Army; one with all-round country experience preferred, and accustomed to brisk business; progressive salary and good opportunities to an energetic man; passage paid out; three years' agreement. Apply "Tropics" (237/62), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.]

RETAIL.

A PERMANENCY is desired as Manager or Managing Assistant in good-class business by one who is experienced in all branches; good Counterman and Prescriber; unqualified; aged 35; married; C3. Fullest particulars requested first letter. "Rhei," 30 Leas Road, Guildford, Surrey

AS MANAGER or Locum; qualified; well experienced; West of England preferred. "Pharmacist," c/o Mr. Truscott, Delabole, North Cornwall.

AS APPRENTICE; youth, age nearly 16; tall; Preliminary examination passed; indoors. Apply, giving terms, 273/34, Office of this Paper.

ASSISTANT or Manager; 45; 5 ft. 7 in.; qualified. Apply 272/7, Office of this Paper.

ASSISTANT Pharmacist, 30, speaking French, Spanish, and a little English, desires situation in Wholesale or Retail Pharmacy in England. Address 271/34, Office of this Paper.

CHEMIST requires immediate appointment; outdoors; any locality; middle-class business preferred. "Qualified" (273/26), Office of this Paper.

DISPENSER (lady), Hall qualification, requires post; permanent or temporary; five years' experience Hospital and Doctor. B., St. Mary's Hall Lane, Upminster, Essex.

DISPENSER (woman), qualified, wants post London, Croydon, or easy distance. Apply 270/12, Office of this Paper.

DISPENSER, good all-round experience Photographic, Veterinary, and N.H.I., Army discharged, seeks berth References, "Delta" (271/26), Office of this Paper.

DISPENSER; part-time; Doctor or Institute; mornings up to 1 o'clock Monday, Tuesday, and Saturday evenings, and other evenings after 6.30 p.m. Apply 267/7, Office of this Paper.

DISPENSER, lady, qualified, seeks post; Hospital preferred; knowledge of Bacteriology and general Laboratory work; experienced. "M. R.," Eden Lodge, Kingsbury, N.W. 9.

EVENING Dispensing wanted, vicinity of Chancery Lane, three nights weekly, by lady; good experience in City Stores. Apply "C. B. M." (272/25), Office of this Paper.

EVENINGS from 5.30; qualified. "Miraflores," 60 Atherfold Road, S.W. 9.

FIRST-CLASS qualified Chemist, 49, requires Managership of good business. Apply 264/28, Office of this Paper.

IN or near London; as Manager; qualified; 43; open to partnership; exceptional references. Full details on writing to 270/28, Office of this Paper.

LADY Dispenser, Hall certificate, with private and Hospital experience, desires post in or near Manchester. Apply 267/8, Office of this Paper.

LADY Dispenser; Hall qualification; Doctor or Institution; in or near London. Apply 270/31, Office of this Paper.

LADY Dispenser seeks post; London or Northern counties; 22; Hall; twelve months' practice; Doctor or Hospital preferred, but offer from Chemist entertained. Apply 272/6, Office of this Paper.

LADY Dispenser desires post with Doctor. Unwin, 20 Glebe Road, S.W. 13.

LADY Dispenser, Hall qualification, two years' experience, desires post with Doctor; S.W. London district preferred. N., 122 Dora Road, Wimbledon Park, S.W.

LADY Dispenser (Apothecaries' Hall certificate) desires post with Chemist; London preferred. D. Carnell, c/o Mrs. Harrison, The Lodge, Addlestone, Surrey.

LADY Dispenser (Hall) desires post; twenty-one months' practical experience; Dispensary or Institution; near London; references. Apply "Finchley" (274/37), Office of this Paper.

LADY Dispenser requires post with Doctor; previous experience; Apothecaries' Hall. Miss Williams, 10a Newton Road, Westbourne Grove, W. 2.

LOCUM for fortnight; disengaged; Grade III.; qualified; London preferably. Chemist, c/o Mr. Bone, Station House, Linmere, near Buckingham.

LOCUM or Temporary Manager; country; disengaged; age 52; qualified; first-class experience and testimonials; energetic; booking forward. Dewey, 3 Helena Avenue, Margate.

LOCUM or permanency; qualified; 49; first-class experience and references. Apply 273/37, Office of this Paper.

MANAGER or Assistant (unqualified) in good-class business; experienced Counterman, Dispenser, and Prescriber; disengaged; married, no family, tall, middle-aged. Chemist, 122 Coventry Road, Birmingham.

MANAGER or Senior; outdoors (L.P.S.I.); elderly; experienced; disengaged middle February. "Licentiate," 26 Richmond Grove East, Longsight, Manchester.

MANAGER; disengaged shortly; tall, energetic, successful; London and provincial experience. "Pharmacist" (274/25), Office of this Paper.

PHARMACIST, 30, Grade III., as Senior or Branch Manager; London. "Statim," 35 Hamlet Gardens, Hammersmith, W.

PHARMACIST, 33, good all-round experience, desires Managership as Senior Assistant; outdoors; Midlands preferred, but not essential; please state salary. Apply 274/39, Office of this Paper.

PORTSMOUTH or near, Dispenser (lady), Hall certificate, requires post. Apply 272/29, Office of this Paper.

QUALIFIED; 42; 5 ft. 6 in.; 20 years' London experience; thorough knowledge of Photography, Wholesale, or Manager Retail; undeniable references. "Enquirer," 272/5, Office of this Paper.

QUALIFIED, Branch Manager, or post in hospital; ineligible; married; good references. Apply "Progress" (272/24), Office of this Paper.

QUALIFIED, 35, Manager or Senior, in good-class Family and Dispensing business; Photography. Apply 272/23, Office of this Paper.

QUALIFIED (24), disengaged, requires part-time berth; afternoons 2-5; N.W. district preferred. Jones, 55 Sandringham Road, Golders Green, N.W. 4.

QUALIFIED; elderly, single; easy hours; moderate salary (London). Apply 275/4, Office of this Paper.

RELIEF or part-time; Nurse-Dispenser (Hall); experienced; engaged four afternoons and evenings. Harris, 8 Shadwell Mansions, High Street, Shadwell, E. 1.

RELIEF; N.H.I., Dispensing, etc.; afternoons, evenings; competent; unqualified; 50. Also young Lady; 17; Packer-Learner. "R.," 10 Foreign Street, Camberwell, S.E. 5.

SITUATION wanted as Manager; permanency; over military age; qualified. Apply "Q. E. D." (264/9), Office of this Paper.

UNQUALIFIED; Grade III.; married; 28; 14 years' varied experience; excellent references, capable, reliable; S.W. district preferred; at liberty shortly. J. S., 20 Dents Road, S.W. 11.

UNQUALIFIED, 23, Grade III., 8 years' experience, desires change; state salary offered and hours. Apply 273/21, Office of this Paper.

WOMAN Dispenser desires post; Hall certificate; some experience; London preferred. Apply 274/40, Office of this Paper.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ADVERTISER, awaiting Army discharge, active, reliable, desires post in Wholesale house; all-round experience. Singleton, c/o 25 Connaught Avenue, Frinton-on-Sea.

CHEMIST'S Assistant (unqualified, aged 35, C3) who is a good Salesman and capable Interviewer, is desirous of leaving Retail, so would appreciate an offer to Represent a Wholesale Drug or Sundries house; would accept an agency. "Rhei," 30 Leas Road, Guildford, Surrey.

DISENGAGED; old-time "Minor"; much commercial experience; gifted Salesman; ineligible; latterly technical assistant in War Office. Apply 273/36, Office of this Paper.

LABORATORY Foreman; Toilet Specialities, Perfumery, Cream, Powders, etc.; above military age; many years' experience; highest references; London; disengaged. Apply 274/3, Office of this Paper.

OFFICE, Showroom, or Representative.—Advertiser, ineligible, fully competent to undertake either of these positions; undeniable references; well known. Apply "C." (262/17), Office of this Paper.

SECRETARY, Cashier, Head Clerk.—Advertiser open for position with good firm; nearly 20 years' present situation; age 45. Apply "Jones" (240/21), Office of this Paper.

TRAVELLER, connection London and suburbs, open for good going lines; part expenses. Apply 259/37, Office of this Paper.

WELL-KNOWN Traveller just disengaged; sound connection Chemists and Grocers; Midland or Eastern counties. Apply 264/30, Office of this Paper.

MISCELLANEOUS.

JOB LINES FOR IMMEDIATE SALE.—884 Breast Pumps, White Rubber and Moulded Glass, 8s. 2d. per dozen; 364 Breast Pumps, Chocolate Rubber and Moulded Glass, 9s. 8d. per dozen; 436 Breast Pumps, Chocolate Rubber and Moulded Glass, wired, 10s. 2d. per dozen. Apply Portable Utilities Co., Ltd., 8 Fisher Street, Holborn, W.C.

SHOP FITTINGS.—10 ft. second-hand Drug Fitting, complete with 50 gold-labelled drawers, lockers, shelving, and pilasters, £11 10s.; 8 ft. ditto to match, £10 10s.; plate-glass and mahogany Perfumery Showcase, mirror back and glass shelves, mahogany desk at back, 4 ft. long, £6 10s.; Silent Salesman, 6 ft. high by 2 ft. by 1 ft., with four plate-glass shelves, £9 10s. Hundreds of other bargains. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London E.C. 1.

WANTED, Square or Round Tin Boxes, new or second-hand, for powdered colours; size 1 lb. and upwards; good prices given; cash payment. Williams Bros. & Co., Hounslow.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

PAPER

White Demy, Yellow Wove, Brown, White and Coloured Tissues, Small Hands (Whitey-Brown), Seidlitz Blue, English Krafts and Browns. String, 8 oz. balls, 10/6 per dozen. Stout Parcel String, 16 oz. balls, 15/- per dozen. Samples on application, only if weight of ream is given or sample sent to match.

D. W. BULL,
4 Churchill Road, Homerton, E. 9.

THERE IS MONEY

to be made in the Photographic Department of your business, but the Developing, &c., must be WELL and QUICKLY done. We are experts, and return all work promptly. We pay return postage on all orders of 2/- or over. Send for our list and give us a trial.

STEAD & CO., Photographic Experts, Duke St., BRIGHTON.

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
3 and 4 ounce. 6 and 8 ounce.
12 ounce.
WHITE PHIALS, plain or teaspoons.
½ ounce. 1½ ounce.
1 " 2 "
BLUE LOTION BOTTLES, all sizes.
Lowest Market Prices Charged.

CORKS. Superior Quality. No advance in price.
6 and 8 ounce ... ... 1s. per gross, in 6 gross bags.
Vials ... ... 10d. per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W. 1,
or ISLINGTON BOTTLE COMPANY,
7 New Inn Yard, Tottenham Court Road, London, W. 1.
Orders sent to either establishment have attention.
Established 100 Years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

ALL CHEMISTS SHOULD STOCK **ABDINE**

THE GOLD MEDAL FRUIT DRINK.
Quick Seller. Big Profits. Over 40 Years' Reputation.
"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 2 for 2½d.; Boxes of 13 Packets 1/3.
Wholesale Prices on application. Sample Box 1/3.
D. M'CLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

R. GRAESSER, Ltd.

ESTABLISHED 1867. **RUABON** TELEPHONE: No. 3 RUABON. PRIVATE BCH. EXGE.

Manufacturers of

CARBOLIC ACID CRYSTALS, 40° C.
DETACHED CARBOLIC CRYSTALS, 40/42°C.
(absolute Phenol)
All qualities of CRESYLIC ACID, etc.
ORTHO, META, and PARA CRESOLS, etc.
GLAUBER SALTS, B.P., and COMMERCIAL
LYSOL SUBSTITUTE "ACROSYL"

CONTRACTORS to the BRITISH and other Governments.

CAPSULES

BEFORE PLACING YOUR ORDERS, WRITE FOR PRICES TO

D. W. BULL,

4 Churchill Road, Homerton, E. 9.

ESTABLISHED 27 YEARS.

No wording on label or on boxes to render liable under new Act.

Quality Beyond Compare.

SACCHARIN TABLETS

(½ grain 330 in 1 guaranteed)

Packed in Flasks of		Packed in Boxes of	
100s @	21/- per dozen	1,000 @	16/- per thousand
200s @	42/- ,,	5,000 @	15/10 ,,
500s @	104/- ,,	10,000 @	15/9 ,,

Sold by Weight—**110/-** per lb., in not less than 1 lb. lots.

Cash with Order. Post Paid by return.
Attractive Window Posters supplied free.

I guarantee my tablets **Second to None** on the market in Quality, Finish and Price.

Special quotations for larger quantities.

Richard HOULT

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Developing. Printing. Enlarging

Developing Spools, 6 Ex., 6d.; 12 Ex., 1/-; V.P.K., 6d.
Prints up to and including ½-plate . . 1d. each.
ENLARGEMENTS. LIST FREE.
Prompt dispatch. Trade discount, 25 per cent.
Postage extra.

MARTIN, Chemist, SOUTHAMPTON.

SACCHARIN TABLETS

(½ gr. in 1). Pure white: well made and finished.
CASH WITH ORDER. **114/- per lb.** IMMEDIATE DISPATCH.

Also Powder, 550 guaranteed. State requirements.

W. J. HENNING, The Medical Hall, LARNE.

TEA SWEETENERS

One equal to a teaspoonful of Sugar.
14/- per 1000—Sell at 4 for **1d.**—50% profit.
Also in **6d.** and **1/-** boxes.

SACCHARINE TABLETS

Guaranteed 50% of .330 Saccharine.
17/3 per 1000, **120/-** per lb.
Only terms, Cash with Order, Carriage Paid.

A. S. PRICE & Co. Ltd., Blackheath, Birmingham.

DAMANCY & CO., HARROW.

Pills & Compressed Tablets

Made from customers' own ingredients. Or ingredients and making quoted for. QUANTITIES ONLY.

WE OFFER

Acid Salicyl. Pulv. P.B.—7/6 per lb. (Correspondingly low quotation per cwt. on application.)
Tablets, Phenacetin, gr. 4.
Caffein, Cit., gr. 1, pink, **32/-** per 1000.
Phenolphthalein Tablets.—Infants, ¾ gr., **9/-** per 1000; Medium, 1½ gr., **17/-** per 1000; Adult, 3 gr., **32/-** per 1000.
Guaiacol Carb.—**10/-** oz., **145/-** lb.; Do. do. Tablets, gr. v, **13/-** per 100; **125/-** per 1000.
Elixir Digestenzymes, Conc. 1 to 7.—(The well-known preparation for Indigestion), **6/-** per lb.
Tablets Digestenzymes.—**1/8** per 100; **17/-** per 1000.

CASH WITH ORDER. ALL PACKAGES FREE. CARRIAGE PAID.

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6*d*.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FOR DISPOSAL.

DRUGS AND CHEMICALS.

4 CELLULOID Full Upper Show-pieces. R. Lamb, 123 West End Lane, London.

WHAT Offers? 56 lb. Double Cyanide Potash, 99 per cent. Savage, Manchester Road, Bradford.

WHAT Offers? 2 × 1 oz. Bromural (Knoll); 11 × 1*s*. ditto Tubes Tablets; several Winchesters Norwegian Cod-liver Oil. Apply 271/27, Office of this Paper.

IMPORTANT.

TO PHOTOGRAPHIC DEALERS.

Why not sell your stock of Cameras and Accessories before they become stale?

Hundreds of Chemists find themselves with Photographic Goods they are unable to sell owing to present war conditions, lack of film supplies, and staff to work these sidelines. Next year they will be totally unsaleable. We buy them, and give a good price. Ask your neighbours (we are well known), and they will tell you we do our business fairly, promptly, and pay up sharp. We never quibble.

We pay TWO-THIRDS RETAIL PRICE for the following:

Vest Pocket Kodaks with R.R. lenses (55/- model); Watch Pocket Carbines 2¼-square, and spools for each; Kodak Developing Tanks (Brownie and 3½"); No. 2 Folding Brownies; No. 0 and No. 1 Brownies, and No. 2 Brownie spools.

This gives you a small profit. Why keep them on your shelves?

We will buy anything else Photographic you have, from a 40-guinea Reflex to a 1/- Dark-Room lamp, and give equally good prices, according to demand and current market value. Do not trouble to send specifications. Pack us up a box. On receipt we write you our offer immediately. If we fail to come to terms we send back at once, carriage paid.

We are principal Agents for all the leading Photographic Manufacturers. Ask any of them what they think of our business methods. We receive these testimonials daily:

Bedford.—"I have never yet met such prompt attention at the hands of any business house."

Mr. A. W. I., of Evesham.—"I am in receipt of your letter of the 20th inst., enclosing cheque for £10, for which I thank you. The transaction has been most satisfactory. Thanking you for your courteous attention."

Mr. W. T., of Lincoln.—"I beg to acknowledge receipt of your cheque for £5 10s., with thanks. If at any time I should have any part of photographic apparatus to dispose of, I shall be glad to further deal with you."

And the following:

H. G., of London.—"I have much pleasure in accepting your cheque for £7 10s., and shall be glad at any future date to have further dealings with you, and to recommend you to any of my friends."

WATSONS,' THE CAMERA HOUSE, 84 High Street, SHEFFIELD.

12 × 1*s*. Marshall's Cubeb Cigs. for 5*s*. 6*d*.; 24 × 1*s*. 1½*d*. Wait and See Pills for 12*s*.; 1 × 10*s*. Saville's Gout Tinct. for 6*s*.; 1 × 8*s*. Triline Tablets for 4*s*. 6*d*.; 1 × 1*s*. 3*d*. Thring's Bals. for 8*d*.; carriage paid any lot. Needham's, Ltd., 297 Edgware Road, London, W. 2.

SHOP FITTINGS.

£7 10*s*.—Nest of 88 Mahogany Drawers with Lockers and Shelving; also Carboys, Scales, Weights, cheap. Windebank, 79 Bevis Road, Portsmouth.

MISCELLANEOUS.

FOR Disposal, Gardener's Mixer, No. 4,290. size "B.," holds about 30 lb. powder; 60*s*. Extirmo, Ltd., Hull.

WANTED.

CREME SIMON, in shilling pots. "E. R." (42/16), Office of this Paper.

CAPSULING Machine in good order. Particulars to Morris Evans & Co., Festiniog, N.W.

TABLET Machine in good working order wanted. C. Smith, 6 Regent Street, Nottingham.

WANTED, 1 and 2 oz. W.M. Glass or Stone Bottles, and also flat tins. Extirmo, Ltd., Hull.

STEARINE, distilled, wanted; large or small quantities. Offers to Rouse, 61 Charlotte Street, London, W.

WANTED, Half-plate or Whole Plate Enlarger for Professional Work. G. Coverdale & Sons, 20 Parliament Street, York.

OPTICAL Trial Case and accessories; Cinematograph and Films; particulars and price, 272/16, Office of this Paper.

SPECTACLE Lenses in any quantity; also Gold-filled Frames. Send full particulars and prices to Bishops, 460 Holloway Road, London, N. 7.

SURGICAL Instruments; complete outfit required; Doctor going abroad. Send prices and particulars to G. Barrow, 56 Vienna Road, Bermondsey, S.E.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

WANTED, second-hand or new Milling Machine, suitable for Ointment. State full particulars, price, delivery, etc., "T.," Freeman & Co., 9 Fleet Street, E.C.

WANTED, Mixer and Sifter, 1 to 1½ cwt. capacity for power, with or without Essence Sprayer, or smaller hand size. Fastnet Co., Ltd., 27 Horsell Road, Highbury, N.

WANTED, large or small quantities, two sizes, Gilt Hinged Tins, $3\frac{3}{16} \times 2 \times \frac{7}{16}$ inches; also $3 \times 1\frac{1}{8} \times \frac{5}{16}$ inches. Samples, prices, nearest, stating quantity, to 270/7, Office of this Paper.

WANTED, two or three Gardner's patent "Rapid" Sifting and Mixing Machines for Powders. State size, manufacturing number, and lowest possible price to "L." (239/51), Office of this Paper.

WANTED to purchase for cash, patent Rapid Sifters and Mixers for powder sifting; hand power; capacity 10 to 30 lb., or hand mixer as used in Retail Pharmacy. Apply Wavourl Co., 92 Fulwood House, High Holborn.

WANTED, Tooth-paste Mixer, Tube Filler, etc., or take over small plant with or without premises if central London, or small Retail if with facilities for manufacturing toilet goods. "Dentol" (272/280), Office of this Paper.

DIOXOGEN, Cresolene Lamps, Swandown Powder, Dent's Gum, Archibald's Cream, Crême Simon, Fairbank's Soap, Packer's Soap, Listerine, Sen Sen, Pond's Cream, Calox, Sloan's Liniment. State quantity and price to Bishops, 460 Holloway Road, London, N. 7.

GLYCERIN.—Good prices paid for surplus stocks; any quantity accepted; guaranteed to be used in Medicinal preparations only. Box No. 493, Smiths' Advertising Agency. Ltd., 100 Fleet Street, E.C. 4.

OFFERS wanted of Guaiacol Cinnamate, Soda Cinnamate, Adalin Tabs., Helmitol, Salophen, Phenocol Hydrochlor., Citrophen, Quassine Amorph., Salacetol, Zinc Valerian, Eugenol, Guaiacol Benzoas, Sparteine Sulphate, Hemogallol, Icthalbin; large or small quantities for cash. Apply to "Benzoate" (237/50), Office of this Paper.

Printed for the Proprietors by SPOTTISWOODE, BALLANTYNE & CO. LTD., 1 New-street Square, E.C. 4, and Published by the Proprietors at 42 Cannon Street, in the City of London.—*January* 19, 1918. [72]

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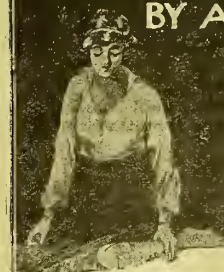


Superior English Manufacture. Extremely elastic, but contains no rubber. Fast woven edges.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages, containing wool, provide warmth and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Supplied only through the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers:

The NORWICH CRAPE CO. (1856) Ltd.
St. Augustine's Silk Mills, NORWICH, ENG.

Provincial Selling Agents: Freese & Moon, Ltd., 59 Bermondsey Street, London, S.E. 1.

London buyers can obtain samples and prices from Mr. T. Eastaway, London Representative, 7 Wool Exchange, E.C.2

Peerless

TRANSPARENT FEEDING BOTTLE TEATS

Made of fine Ceylon Rubber. Cured by the most approved methods. Warranted to withstand tropical climates.

Specify Peerless Teats—made in England—Samples and quotations post free.

WHOLESALE AND EXPORT ONLY.

PEERLESS SEAMLESS RUBBER CO., Ltd.
Works - - RICHMOND, SURREY.

"Yena" Powder De Riz (Shen)

BIJOU	24/-
SMALL	36/-
LARGE	51/-
JUMBO	108/-

N.B.—This is the Best Selling Line ever offered.

SHOWCARDS SUPPLIED FREE.

3 NEW LINES.

Fett Powder
Assorted tints, in tins ... 21/- per gross

Russian Face Powder
Assorted tints, in square, gold blocked boxes, 24/- per gross

Cologne Face Powder
In round attractive boxes, assorted tints, 8/- per gross

SPUN OINTMENTS

(Regd. Trade Mark.) impalpable and absolutely uniform, are now the standard of quality.

And CREAMS of every kind for HOME and EXPORT trade.

Spun Ointments are the production of Shen Works only. All B.P. Ointments are now spun.

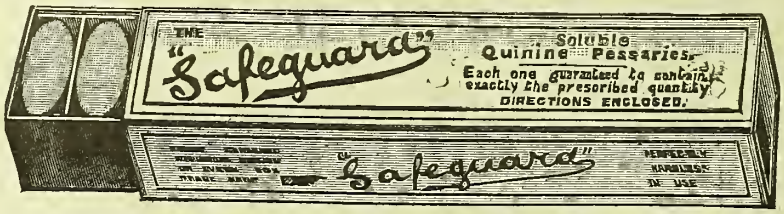
ROBERT BLACKIE,

WHOLESALE AND EXPORT MANUFACTURING CHEMIST,

Head Office, Mills and Laboratory—

SHEN WORKS, Tower Bridge Road, LONDON, S.E.

SOLUBLE QUININE PESSARIES



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PRICES.

	£	s.	d.
1 Dozen in Box, with directions ... ... Per Dozen Boxes	0	15	0

Special Quotations to Shippers and Wholesale Dealers.

5% discount allowed for prompt cash off above prices.

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Trusses, Splints, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,

91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

A. DE ST. DALMAS & CO.

Contractors to His Majesty's Government. **LEICESTER.** *(Established 1828.)*

— MANUFACTURERS OF —

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Spread Plasters. Adhesive, Belladonna, Soap Cerate, Roborans, Fleshcolour Adhesive, &c.

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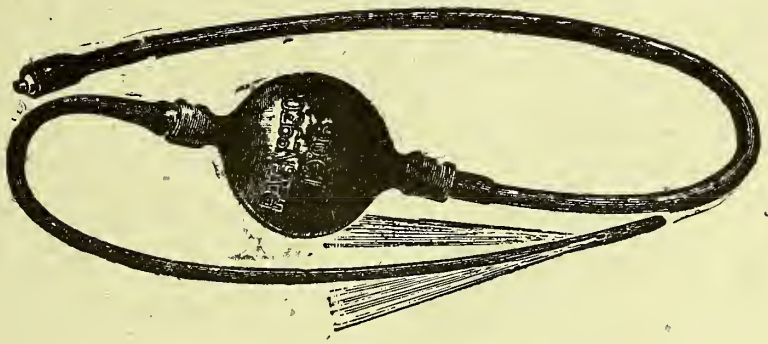

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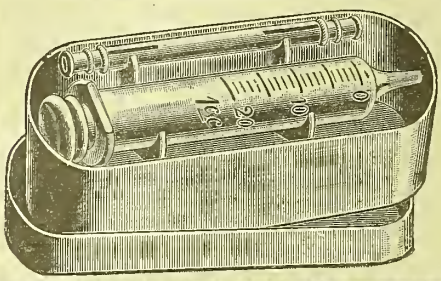

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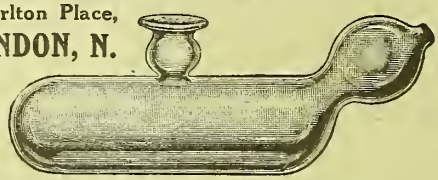
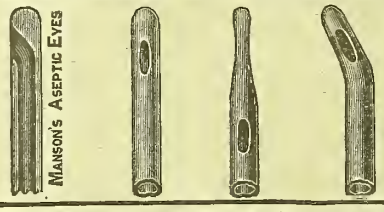


Telegrams: "Assorted, Nordo, London." Telephones: North 1544-5



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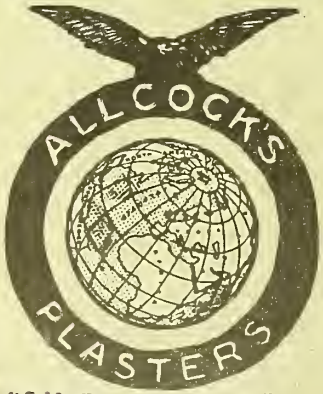

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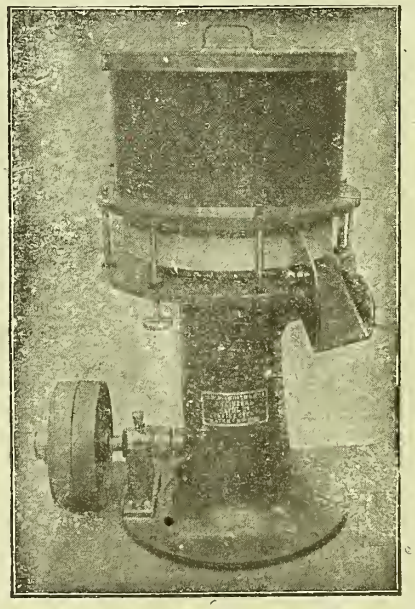

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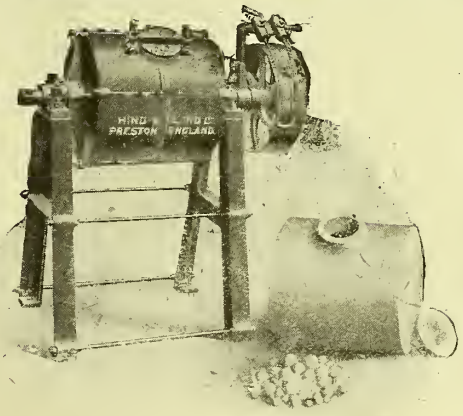

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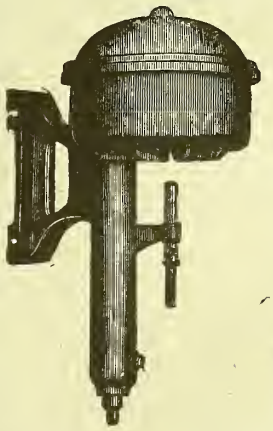

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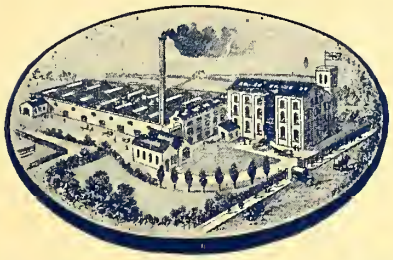

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